Public Bealth Reports.

(Formerly "Abstract of Sanitary Reports.")

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Vol. XI.

WASHINGTON, D. C., JULY 17, 1896.

No. 29.

UNITED STATES.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

Reports on the smallpox outbreak at Key West, Fla.

KEY WEST, FLA., June 30, 1896.

SIR: * * * In regard to the appearance of smallpox at this place, I am unable at the present time to trace the source of the disease. Careful inquiry just now fails to connect the cases with Habana or Cuba, either in individuals themselves or through baggage of passengers. The cases as far as found have been amongst the colored Bahama population, and with the exception of an infant male, the female sex have been the sufferers.

There has been quite a number of cases of varicella among white children during the past months, amounting to almost a mild epidemic. I saw a case two months ago in a mulatto boy quite plainly recognizable. Dr. Sweeting and Dr. Guitéras, I am informed, have both seen cases of this eruptive disease in both black and white, but to last Wednesday, 24th instant, they assure me that they had seen nothing that they could diagnosticate as variola. * * *

The cases that I have discovered are located in different sections of the city, and with but one exception in the colored quarter of the town, and are all of the negro element of population. An interesting feature of this outbreak is that all of the cases when discovered could be designated as "old ones;" that is to say, with the stage of vesiculation and pustulation well developed, and ranging from the 9th day of the disease, calculating from the period of initial fever to the 30th day, when desquamation was nearly completed. Again, these cases are located in a dense center of negro population, with houses closely packed together, with no restrictions on communication, and an environment inviting a rapid spread, yet I have only discovered 6 cases, with detective force employed to aid me. That the case which died on the 26th and the woman now sick on Thomas street have unmistakable variola I think there can be no doubt, at least there was no disagreement between Dr. Guiteras, Dr. Sweeting, and myself on the subject; neither is there any doubt in my mind now about the other cases, although at first visit

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(643)

July 17, 1896 644

the case of the infant boy admitted of some dispute (the case being mild. with no temperature) until his sister was seen, which cleared up all doubt. Upon discovering the cases, isolation, with guards over the premises, was immediately enforced, and the matter promptly reported to the municipal authorities, requesting action in removing the cases and segregating the exposed. In the absence of a pesthouse on the island, or tents to use in this way, this isolation had to be enforced at the homes of the sick. An effort was made by me to procure tents from the United States barracks at this place, which, at first granted, was the next day refused by the War Department. It was intended to use the two hospital and two wall tents, for which request had been made of the military, for a nucleus for a camp until added to and enlarged when those loaned by you should arrive. The municipal government of Key West was immediately apprised of the gravity of the situation, and appealed to for both moral and physical cooperation with the State health authority in measures to prevent a spread of smallpox, and especially asked to pass and enforce an ordinance of compulsory vaccination. The ordinance was passed on its first reading this morning. * * *

I have placed a surveillance over travel from Key West to the extent that passengers must exhibit either satisfactory evidence of vaccination or be vaccinated before taking passage on any of the steamers or sail vessels, and the baggage of second-class passengers or those not exempted on the face of the certificate will be left at the Tampa Bay Quarantine Station for sterilization. This requirement is being observed by the

agents of the steam and sail lines.

The weather is hot and dry and it is hoped may prove a potent factor in aiding the suppression and prevention of a spread of the disease. [II shall inform you from time to time of the progress of events in these cases.

I am, sir, very respectfully,

JOSEPH Y. PORTER, State Health Officer, Florida.

Note.—In response to a request from the State health officer of Florida for tents in which to isolate the suspects, and for the detail of an officer of this Service to assist him, 25 tents have been shipped and Passed Assistant Surgeon J. H. White, U. S. M. H. S., has been ordered to Key West to assume charge of the isolation camp and to cooperate with the State authorities in the suppression of the outbreak.

KEY WEST, FLA., July 3, 1896.

SIR: Confirming my telegram of to-day, I have the honor to state that the interstate quarantine regulations are being complied with by the local health authorities in this city, with exception of article 3, latter part of section 5, which directs that the bodies of the deceased shall not be transported except in hermetically sealed coffins. There has been, so far, but 1 fatal case. The body was wrapped in sheets soaked in bichloride of mercury solution, placed in a tarred coffin and interred in the cemetery by employees of the board of health.

I further beg to report that no new focus of the disease has been dis-

covered since the appearance of the first 3 cases.

I inclose herewith copy of an ordinance passed to-day by the board of commissioners of the municipality of the city of Key West, relative to compulsory vaccination.

Very respectfully,

G. M. GUITÉRAS, Passed Assistant Surgeon, U. S. M. H. S.

CIRCULAR No. 70,-An ordinance to protect public health.

Be it ordained by the president and board of city commissioners of the municipality of the city of Key West, in session convened:

Section 1. That whenever in the opinion of the city health officer it becomes necessary to prevent an epidemic of smallpox, he shall, with his assistants, make a free house-to-house vaccination of all the inhabitants of the city over two years of age who have not been properly vaccinated. It shall be the duty of the city health officer to keep on hand pure animal virus at all times, and to vaccinate all persons who apply for free vaccination, without charge. Any person who has not been properly vaccinated, and refuses to be vaccinated or to cause his or her children or wards to be vaccinated when they have not been properly vaccinated shall be fined or imprisoned according to section 3 of this ordinance.

Sec. 2. It shall be the duty of every teacher or person having charge of any school in the city of Key West, within thirty days from the opening of such school, to furnish the city health officer with a correct roster of the teachers and pupils of such school and a list of those remaining unvaccinated at the end of each month, and it shall be the duty of the city health officer and his assistants to visit all schools in the city each month, and to vaccinate all teachers and pupils who have not been properly vaccinated, free of charge.

SEC. 3. All persons violating any section of this ordinance or refusing or failing to comply with the same shall, upon conviction thereof, before the police justice, be fined not less than five nor more than one hundred dollars, or be imprisoned in the city jail not less than five nor more than thirty days.

Sec. 4. All ordinances, or parts of ordinances conflicting with this ordinance or any of its provisions are hereby repealed.

KEY WEST, FLA., July 8, 1896.

SIR: I have the honor to make the following report of the status of the smallpox epidemic in this city:

Up to and including July 7, there have been 24 cases of the disease, 3 of which have resulted fatally. In the past two days 2 cases have been found in a part of the town hitherto uninfected. All foci of infection are being guarded. Compulsory vaccination is being rapidly pushed. The state board of health will commence to-day the construction of a pesthouse in the outskirts of the city. The disease seems to be spreading very slowly, and it is hoped that it may not assume grave proportions. The tents have not yet arrived, but are expected to-day. Very respectfully,

G. M. Guitéras,

G. M. GUITÉRAS, Passed Assistant Surgeon, U. S. M. H. S.

Smallpox in the United States as reported to the Supervising Surgeon-General United States
Marine-Hospital Service, May 9, 1896, to July 16, 1896.*

Places.	Date.	Cases.	Deaths.	Remarks.
Florida:				
Key West		21	4	
Pensacola	May 20-July 4	5	2	
Indiana:				
Indianapolis	May 29	1	********	
Louisiana:				
New Orleans	May 9-July 11	80	24	
Shreveport		2		
	June 6-June 13	-6	**********	
New York:				
New York	May 1-May 31	1	1	
North Hempstead	do	1		
Ohio:		1		
Dayton	May 28-June 4	1	1	
•	June 18-June 25	1	1	
	July 2-July 9		1	
Tennessee:				
Memphis	May 1-May 30	10		
Shelby County (not includ-	May 1-May 31	8	2	
ing Memphis),	June 1-June 30	3		
Tipton County	do	14	2	
Washington:				
Seattle	May 23	1	**********	Case occurred April 27 now convalescent.

^{*}For table of smallpox in the United States, etc., December 26, 1895, to May 9, 1896, see Public Health Reports No. 23.

QUARANTINE REPORTS.

National quarantine stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of depart- ure.	Remarks.	Vessels inspected and passed.
ufort. N. C.	July 11							No transactions	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Brunswick, Ga.	do	•		Barbados, Port Natal. Habana	Ø	Α :	July 6 July 11		
		Br. ss. Hounslow* Br. bk. Auriga Sp. bg. San Antonio	July 1	Rio do Habana	St. Simons Brunswick	do Held for disinfectiondo		do	
Cape Charles, Va	do		July 9	Rio	Hampton Roads.	Disinfected and held			
Grays Harbor, Wash		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		**************************************	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	No transactions.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	No transactions.	
Gulf, Ship Island, Miss	July 4	Nor. bk. Kragero* Br. ss. Ethelburga	June 23 July 4	Bahia Port Eads	Pascagoula	QΞ	July		
	nuly 11	Br. ss. Etheburga" Br. ss. County Antrim Am. sc. Henrietta J. Powell	July s July 10	Santos Vera Cruz	do Pascagoula	Disinfected and helddo		3uly 6	
Newhern, N. C. July 11	July 11		July 11	Sagua la Grande.	Ship Island		1	No transactions	
Fort Townsend, Wash Reedy Island, Del San Diego Col	July 1			* * * * * * * * * * * * * * * * * * *					. 22 -
South Atlantic, Sapelo	op	Br. s. Alex. Yeats	June 18	Rio	Sapelo	Disinfected and hald	July 2		-
		Nor. bk. Jotun*	98	op	do	Disinfected Held for disinfection		的复数骨髓管 化二氢硫酸医医氢硫酸 医克克耳 医皮肤性性 化环烷酸 医大大性 化双苯丙基酚 化甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	
		Br. str. Isleworth*		Sentos	do	Disinfected Held for disinfection			
		1		Habana	Brunswick	Brunswickdo	•		
Southport, N. C.	do			5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**************************************		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Two vessels spoken and passed. One vessel remanded to South Atlantic Quarantine.	

* Previously reported.

QUARANTINE REPORTS-Continued.

State and municipal quarantine stations.

Vessels named only when detained or given treatment at quarantine.

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Date of Port of arrival. departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of depart- ure.	Remarks.	Vessels inspected and passed.
Astoria, Oreg. July 4 Charletton, S. C. July 1 Elizabeth Elver Va	July 4					No transactions	A 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	No transactions	- 9
ort Morgan, Ala	do	Nor. bk Br. 88. ville.*	June 20 July 2	Buenos Ayres St. Lucia, West Indies.	Mobile do	Nor. bk. Frigga June 20 Buenos Ayres Mobile Disinfected July Br. ss. Sir R. Gren July 2 St. Lucia, do do do July July ville Vest Indies July D. Disinfected July July ville July D. Disinfected July July July July D. Disinfected July July July July July D. Disinfected July July July July July D. Disinfected July		9	
		Br. 88, Corso July 10 Rr ss. Riackhasth July 11	July 16		90	Progresso do Disinfected and held	e kime		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
alveston, Tex	op	Nor. se. Gyller *	July 4	Martinique	Galveston	Nor. ss. Gyller July 4 Martinique Galveston Disinfected July 8 No transactions	July 8	No transactions.	-
Newport, R. I	9999					No transactions		No transactionsdo	

* Previously reported.

Report of immigration at Boston for the week ended July 11, 1896.

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OFFICE OF U. S. COMMISSIONER OF IMMIGRATION, Port of Boston, July 12, 1896.

Number of alien immigrants who arrived at this port during the week ended July 11, 1896; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of im migrants
1896, July 5 July 6 Do Do July 7 July 8 Do July 9	Steamship Yarmouth. Steamship Barnstable. Steamship Halifax	Port Marid Halifax Musquodobit Liverpool Bridgewater Liverpool Yarmouth Halifax Varmouth	10 2 10 5.
Do July 10 Do Do	Schooner Sunshine. Steamship Virginian Steamship Borderer Steamship Boston	LondonNicaragua	

THOMAS F. DELHANTY, Commissioner of Immigration.

Report of immigration at Philadelphia for the week ended July 11, 1896.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION, Port of Philadelphia, July 11, 1896.

Number of alien immigrants who arrived at this port during the week ended July 11, 1896; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants.
1896. July 10 Do	Steamship Pennland	Liverpool and Queenstown	139 67
	Total	***************************************	206

JNO. J. S. RODGERS, Commissioner of Immigration.

Reports of States and yearly and monthly reports of cities.

CALIFORNIA—Sacramento.—Month of June, 1896. Estimated population, 30,000. Total deaths, 32, including 4 from phthisis pulmonalis. Connecticut—Hartford.—Month of June, 1896. Estimated population, 65,000. Total deaths, 103, including phthisis pulmonalis, 8; scarlet fever, 2; diphtheria, 6; measles, 1, and whooping cough, 1.

FLORIDA—Pensacola.—Month of June, 1896. Estimated population,

15,000. Total deaths, 24, including phthisis pulmonalis, 6; enteric fever, 1, and smallpox, 2.

Tampa.—Month of June, 1896. Estimated population, 26,000. Total deaths, 37, including phthisis pulmonalis, 3, and enteric fever, 1.

KENTUCKY—Louisville.—Month of June, 1896. Estimated population, 211,100. Total deaths, 264, including phthisis pulmonalis, 36; enteric fever, 1; diphtheria, 2, and whooping cough, 4.

MASSACHUSETTS—Brockton.—Month of June, 1896. Estimated population, 33,165. Total deaths, 44, including phthisis pulmonalis, 6; enteric fever, 1, and diphtheria and croup, 1.

Newton.—Month of June, 1896. Estimated population, 27,590. Total deaths, 42, including diphtheria, 1, and phthisis pulmonalis, 9.

MICHIGAN.—Week ended July 4, 1896. Reports to the State board of health from 53 observers indicate that cholera infantum and cholera morbus increased and that bronchitis decreased in area of prevalence. Phthisis pulmonalis was reported present during the week at 207 places, measles at 44, enteric fever at 25, whooping cough at 21, scarlet fever at 19, and diphtheria at 11 places.

NEW HAMPSHIRE—Concord.—Month of June, 1896. Estimated population, 19,000. Total deaths, 21, including enteric fever, 1; whooping cough, 1, and diphtheria, 1.

NEW YORK—Syracuse.—Month of June, 1896. Estimated population, 120,000. Total deaths, 119, including phthisis pulmonalis, 10; enteric fever, 3; scarlet fever, 1, and diphtheria, 5.

OHIO—Dayton.—Month of June, 1896. Estimated population, 85,000. Total deaths, 99, including phthisis pulmonalis, 12; smallpox, 1, and eroup, 1.

Toledo.—Month of June, 1896. Estimated population, 122,760. Total deaths, 110, including phthisis pulmonalis, 13; enteric fever, 2; scarlet fever, 1; diphtheria, 3, and whooping cough, 4.

Pennsylvania—Williamsport.—Month of June, 1896. Estimated population, 35,000. Total deaths, 17, including 3 from phthisis pulmonalis.

TENNESSEE—Memphis.—Month of June, 1896. Estimated population, white, 28,064; colored, 27,859; total, 55,923. Deaths, white, 63; colored, 62; total, 125, including phthisis pulmonalis, 21; enteric fever, 2, and whooping cough, 8.

Nashville.—Month of June, 1896. Estimated population, white, 54,-595; colored, 33,159; total, 87,754. Deaths, white, 86; colored, 92; total, 178, including phthisis pulmonalis, 25; enteric fever, 3; croup, 2; diphtheria, 1; measles, 3, and whooping cough, 6.

PUBLICATIONS RECEIVED.

Report of the health officer of the city of Sacramento, Cal. 1895.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

		fron					Deat	hs f	om-	-			
Week ended.	Population, U	Total deaths	Phthisis pul- monalis.	Yellow fever.	Smallpor.	Varioloid.	Cholera.	Typhus fever.	Enterig fever.	Scarlet fever.	Diphtheria.	Measies.	Whooping
July 4	9,798	4	*****		*****				3		1		
do	8, 338	0	*****	*****	****	*****	*****	****	*****	*****		****	
July 11	8, 338 25, 858	6											
July 4	25, 858	8		*****	*****	*****	******	*****	*****	*****	*****	*****	****
July 11	434, 439	260	18	*****	*****	*****	*****		7	1			
July 4			*****	*****	*****	****	*****	*****	*****	*****	****	*****	****
July 4	15, 361	4	1		*****	*****	******	*****	*****	****	****		****
July 11	6, 391	2		*****				*****	*****	*****	*****	*****	****
do	35, 005			*****	*****		*****	*****		******	1		****
July 4	48 866	222	6	*****	*****	*****	*****	*****	2	1	9	1	
July 11	48, 866	31			*****		******	******	ī		1	*****	*****
July 4	5, 478	0			*****		*****		*****		*****		*****
July II	5, 478		1 2	*****	* * * * * *	*****	*****	*****	*****	*****	*****	*****	****
July 11	806, 343		45	*****	* 16444	*****	*****	******	9	7	99	5	*****
do	8, 734	2	1888		*****					*****			
do	70,028		6		*****		*****	*****	*****	*****	2	*****	****
July 4	29 100		8		*****	*****	****	*****	1	*****	*****	*****	
June 6	20, 226		2		******	******	*****	*****	*****	*****	*****	*****	****
	20, 226	4		*****		*****		*****		*****		*****	*****
June 20	20, 226	11	*****	*****	*****		*****	*****	*****	*****	1	*****	*****
July 4	1 099 850	547	49		*****	******		*****	******		16		****
July 10	296, 908	112	12	*****	******	*****	******	*****			3	1	1
July 11	261, 353	143	*****		*****	*****			7	1	2	20	1
do	6,719	2	1	*****	*****	*****	*****	*****		*****	*****	*****	
July 4	17 044	6	Э	*****	*****	*****	*****	*****	1	*****	*****	*****	
July 9	61, 220	23	4		1	*****	*****	******	*****	******	2	*****	*****
July 4	7, 123	2		*****		*****						*****	
do	106, 713		3	*****	*****		*****	*****	*** *	*****	*****	*****	****
July 11	9, 416		****		*****	****	*****	*****	*****	*****	*****	*****	****
July 4	10, 338	5	2	*****	*****	******		*****		******		*****	*****
do	7, 331	9	******										
July 10	11 068	4	2	*****	*****	*****	*****	*****	*****	*****	*****	*****	****
July 11	74, 398	73	3				*****	*****	1	*****	*****	*****	*****
do	22,037	8				*****						******	****
July 4		0		****	*****					*****	*****		****
July 4		10	*****	****	*****	*****		*****	*****	*****	1	*****	
do	60, 278	12	1 .			******		****	*****	******		******	
July 11	60, 278	12	2			*****						****	
July 4	43 648	13	A .	****		*****	*****	*****	*****	*****			*****
Jul 4		1	* '	*****		*****	*****		*****	*****	1	*****	
July 11	10, 996	- 0											
Inle 4		3	9	*****	*****	****		*****	****	*** *	*****		*****
July 11	17, 201	19	3	****			****	*****	*****		*****	****	
July 4	16,038	5	2	*****	******	******			*****	******	******		
July 5		95	10 .						*****		9	****	1
July 12	163,003	90	11 .	*****	*****			****	1	1	6	1	2
do	32, 011	17	2	*****			****	****	*****	*****	9	*****	
July 11	19, 709	5		*****			*****	*****	1	*****		*****	
July 4	20, 741	15	*****			****	****	****	****	1	*****	*****	
do	10, 092	2	******		*****	*****	*****	*****	*****	*****	*****	*****	*****
July 11	10,092	4	******		*****	*****	*****	*****	*****		*****	*****	*****
	11,079	7		****		*****		*****		****	1		
do													
July 4	8, 519	90	4	****	*****	****	*****	*****	*****		****	*****	
July 4 July 11	8, 519 64, 495	30	4 .			*****		*****	1 .	*****	*****	****	3
July 4 July 11 July 11 July 4	8, 519	30 3 68 87	4 5 8			*****		*****	1 .	*****	2	1	3
		July 4. 9,798 July 11. 8,338 June 27. 25,858 July 11. 434,439 July 4. 13,197 June 27. 15,361 July 14. 63,91 July 4. 13,197 June 27. 15,361 July 14. 63,91 July 4. 13,197 June 27. 15,361 July 14. 63,91 July 4. 18,866 July 14. 5,478 July 4. 27,294 July 11. 5,478 July 4. 27,294 July 11. 5,478 July 12. 27,294 July 11. 29,100 July 4. 54,955 July 11. 29,100 June 6. 20,226 July 10,226 June 13. 20,226 July 4. 1,099,850 July 11. 26,353 July 11. 26,353 July 11. 26,353 July 11. 26,353 July 11. 296,908 July 11. 398,903 July 4. 10,338 July 11. 9,863 July 11. 74,338 July 11. 74,338 July 14. 9,803 July 11. 43,864 July 11. 60,278 July 11. 60,278 July 14. 43,645 July 14. 44,651 July 14. 43,645 July 14. 44,651 July 14. 43,645 July 14. 44,651	July 4. 9,798 4 July 4. 9,798 4 July 4. 25,838 6 July 11. 8,338 2 June 27. 25,858 6 July 11. 434,439 260 July 4. 13,197 2 June 27. 15,361 10 July 11. 6,391 2 do. 33,005 12 do. 33,005 12 July 4. 18,866 23 July 11. 48,866 23 July 11. 5,478 0 July 11. 5,478 15 July 4. 5,478 0 July 11. 5,478 15 July 4. 27,294 5 July 11. 806,343 588 do. 8,734 2 July 11. 29,100 July 4. 7,123 2 do. 6,79 2 do. 88,150 20 July 4. 17,044 6 July 9. 61,20 23 July 4. 10,338 5 July 4. 10,338 5 July 5. 40,634 9 July 11. 9,416 2 July 4. 10,338 7 July 4. 19,838 7 July 4. 19,838 7 July 4. 9,803 0 July 11. 74,398 73 do. 20,778 12 July 11. 60,278 12 July 11. 4,465 45 July 11. 4,606 445 July 11. 4,606 445 July 11. 60,278 12 July 11. 4,606 445 July 11. 4,606 445 July 11. 4,606 445 July 11. 4,606 445 July 11. 60,278 12 July 14. 4,606 445 July 15. 4,664 45 July 16. 60,278 12 July 17. 60,278 12 July 18. 60,278 12 July 19. 60,278 12 July 14. 10,996 12	July 4	Description Description	Description Description	Description Description	July 4	Description Description	Description Description	July 4	July 4	Section Sect

^{*} Estimated population, white, 28,870; colored, 36,295. Total, 65,165. †White, 15; colored, 41.

MORTALITY TABLE, CITIES OF THE UNITED STATES-Continued.

		 890. ss	from .				1	eat	hs fr	om-	-			
Cities.	Week ended.	Population, U Census of 185	Total deaths f	Phthisis pur- monalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measies.	Whooping
Nashville, Tenn	do	76, 168	39	8										
New Bedford, Mass		40,733	29	1										
New Brighton, N. Y		16, 423	10											
Newburyport, Mass	do	13, 947	7				*****							
New Haven, Conn	July 6	81, 298	40	1							*****	5	*****	
New Orleans, La	July 4	242,039	118	10	*****	3	****	*****	*****	2	*****	*****	*****	
Do	July 11	242, 039	117	19	*****	*****	*****	*****					1	
Newport, R. I	do	19, 457	4			*****	*****		*****	******				****
New York, N. Y	do	1, 515, 301	967	82							6		10	1
Norristown, Pa	July 4	19,791	1											
Do	July 11	19,791	6				*****							
North Adams, Mass	do	16, 074	18	******	-	185.88	*****	*****	****	*****	*****	*****	15155	
maha, Nebr	July 4	140, 452	20	2	*****	*****	*****	*****	*****	*****	*****	*****	*****	
neonta, N. Y	July Il	6, 272	1				*****							
Pensacola, Fla	do	11,750	5	*****	*****					1		*****	*****	****
Pittsfield, Mass	do	17, 281 11, 267	7	*****										
Plainfield, N. J			5	****			*****							***
Philadelphia, Pa	July 4	11, 267	11		*****	*****	****	*****	*****	*****	*****	*****	*****	
		1, 046, 964 36, 425	422	51		*****		*****		10	1	11	1	
Portland, Me		36, 425		2			*****							
Do		22, 206	10	-			*****						*****	
Poughkeepsie, N. Y Do	July 4	22, 206	13	2										
Providence, R. I	do.	132, 146	74	8	*****	*****	*****	*****	*****	0			*****	****
Pueblo, Colo		24, 558	9	2		+0.000	*****	*****		2	1		*****	
Richmond, Va		81, 388	48	4	*****	*****	******	*****	*****			*****	****	****
Do	July 11	81, 388	33	i			*****							
t. Louis, Mo		451,770	259	20	*****	*****		******	*ERRE!	3	*****	1	-14624	
Do		451, 770	181	26		*****	*****	******	*****	3	*****		*****	
alt Lake City, Utah		44, 843	10	-		*****	*****					-		
an Diego, Cal	do	16, 159	5				*****			*****	*****			
an Francisco, Cal	do	298, 997	125	19						2				
anta Barbara, Cal	do	5, 864	4	******			*****	*****		******		*****	*****	
eranton, Pa	do	75, 215	50	2			*****	*****		1	2	2	****	
eattle, Wash		42, 837	7	1	*****	*****				*****	*****			***
hreveport, La		11,979	4	1	*****	*****	*****		****					
omerville, Mass	do	40, 152	20	*****			*****		*****	*****	*****		101551	
pokane, Wash	June 4	19, 922	5											
pringfield, Mass		44, 179	11	1		*****	*****	*****		*****				* ***
Do		44, 179	22	3		*****	*****	*****	*****		*****	1	*****	
terling, Ill	July 4	5, 824	0	*****	*****	****	*****	*****	*****	+****	*****	*****	*****	1833
uperior, Wis	do	11, 983	3		****	*****	*****	****	*****	*****		*****		1000
rbana, Ohio		25, 448 6, 510	13	2		*****		*****	*****	2	*****	*****	100000	****
Do		6,510	3				*****							
Valtham, Mass	July 11	18, 707	6				*****							
Varren, Ohio	July 4	5, 973	1				*****							
Do	July 11	5, 973	i	*****	*****	*****	*****		*****	****				1880
Vashington, D. C	do	230, 392	162	12	*****	*****		*****	*****	4		5	1	****
Vest Newton, Mass	July 4	24, 379	9											
Do		24, 379	9				*****				*****			****
Vinona, Minn	July 4	18, 208	6	1			******				******			
													-46000	
Vorcester, Mass	July 10	84, 655	33	1 1 1							- 1	- 1		
Vorcester, Mass Jonkers, N. Y	July 10	84, 655 32, 033	33 17	1 2	*****		*****	*****	*****	*****	1	1	*****	

Table of temperature and rainfall, week ended July 13, 1896.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temp	erature in Fahrenhe	degrees it.	Rainfal	in inches dredths.	and hun-
zocaniy.	Normal.	*Excess.	* Defic'ncy.	Normal.	Excess.	Deficiency.
		-			-	-
tlantic Coast :	59	5		. 91	. 19	
Eastport, Me Portland, Me	69	3	***********	.77	.53	****************
Northfield, Vt	66	4	***************************************	. 63	.77	
Boston, Mass	73	1		. 77		. 13
Vineyard Haven, Mass	71	3	***************************************	. 63	. 67	
	66	4		. 50	1.90	
Nantucket, Mass. Woods Hole, Mass. Block Island, R. I. New Haven, Conn. Albany, N. Y. New York, N. Y. Harrisburg, Pa.	69		1	. 66	**********	.3
Block Island, R. I	67	3 2	*************	.70	***************************************	.2
New Haven, Conn	72 74	2 2	*********	1.09	.11	.7
Now York N V	74	-		.93	***********	.7
Harrisburg, Pa. Philadelphia, Pa. New Brunswick, N. J. Atlantic City, N. J. Baltimore, Md.	73	1	0	, 95	. 35	. 41
Philadelphia Pa	77	i		. 92		.0.
New Brunswick, N. J.	73	4		1.13	***************************************	.9
Atlantic City, N. J.	72		0	.77	***************************************	. 3
Baltimore, Md	79		3	1.12	. 88	***************************************
Washington, D. C	79	***********	3	1.05	. 16	*************
Lynchburg, Va	79		5	. 84	5, 86	*********
Washington, D. C Lynchburg, Va Cape Henry, Va	77		1	1. 22	.38	***************
		000000000000000000000000000000000000000	2	1.31	. 69	***************************************
Charlotte, N. C	81		5	1.26 1.72	2.44 1.18	*************
Raleigh, N. C.	80 78		2	1.26	4.04	***********
Charlotte, N. C. Raleigh, N. C. Kittyhawk, N. C. Hatteras, N. C. Wilmington, N. C. Columbia, S. C. Charleston, S. C.	77	1	0	1.42	.08	***************
Wilmington V C	81	1	3	1.57	2.33	***** **********
Columbia S C	82	***********	4	1.19	5 71	***************************************
Charleston, S. C.	83	.4000#000000000000000000000000000000000	3	1.65	3.75	***************************************
Augusta. Ga	82		4	1.19	3.41	
Savannah, Ga	84	************	4	1.23	. 97	
Jacksonville, Fla	83		3	1.47	. 03	
Jupiter, Fla	64		4	1.08	3.32	
Key West, Fla	84	************	2	. 84	*********	.3
ulf States:						
Atlanta, Ga	79		5	.98	3, 12	**********
Tampa, Fla	81	************	3	2.34	1.56	************
Pensacola, Fla	82 82	*********	4	1.44	4.46	
Mobile, Ala	82	**********	3		1.86 2.85	**************
Montgomery, Ala	79		1	1.05 1.66	4.00	1.1
Meridian, Miss Vicksburg, Miss	82		9	1.04		.8
New Orleans, La	84	***************************************		1.47		
Shreveport, La			5	.84		.2
Fort Smith, Ark	82		4	1.05	************	.8
Little Rock, Ark	81	************		. 91	************	.5
Palestine, Tex	84			. 63	. 97	
Galveston, Tex	85	***************************************	3	. 62	1.78	
San Antonio, Tex	84	***************************************		. 43	1.77	
Corpus Christi, Tex	84	***************************************	2	, 22	.88	
hio Valley and Tennessee:		1		***		
Memphis, Tenn Nashville, Tenn	81 80	***************************************	3	1.01	1.49	.4
Chattanger Tenn	78	************		.90	.90	
Chattanooga, Tenn	77	************	5	.98	1.02	
Knoxville, Tenn Louisville, Ky	80	***************************************	6	.84	1.02	
Indianapolis Ind	80 77			.98		
Indianapolis, Ind Cincinnati, Ohio	78			.77	. 67	
Columbus, Ohio	77		_	.76	.54	
Columbus, Ohio Parkersburg, W. Va	76		. 4	.98	***********	.7
Pittsburg, Paake Region :	75		. 3	1.13	************	.4
Oswego, N. Y	70		. 0	.70	. 10	
Rochester, N. Y	73		. 1	.70	.00	
Buffalo, N. Y.	70			.72	************	.2
Erie, Pa	74		. 2	. 60		.:
Cleveland, Ohio	72			.79	.01	************
Sandusky, Ohio Toledo, Ohio Detroit, Mich	76		. 4	.70	. 20	
Toledo, Ohio	77	**********	. 5	. 70	. 10	*****
Detroit, Mich	72		. 0	.77		
Lansing, Mich.	72		. 2	.78	. 22	***************************************
Port Huron, Mich	71		. 1	.53		
Alpena, Mich Sault Ste. Marie, Mich	66	2	***************	. 65	***********	
Marquette, Mich	62 67	1 1	************	.70	*************	

^{*}The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended July 13, 1896-Continued.

Locality.	Temp	erature in Fahrenbei	degrees t.	Rainfall	in inches dredths.	and hun-
•	Normal.	*Excess.	*Defic'ncy.	Normal.	Excess.	Deficiency
ake Region-Continued.						
Green Bay. Wis	70	0	**********	.70	************	.7
Green Bay, Wis Grand Haven, Mich	71	************	3	. 63	************	.6
Milwaukee, Wis	71	3	*********	.73	************	.7
Chicago, III	73	1		.78	***************************************	.7
Chicago, Ill Duluth, Minn	68	2		. 88	*************	.4
pper Mississippi Valley:		1				
St. Paul. Minn	73	1		.77	*************	. (
La Crosse, Wis	75		1	. 96	*********	. 5
La Crosse, Wis Dubuque, Iowa	75		1	1.03		1.0
Davenport, Iowa	76		2	.84	***********	* 8
Des Moines Iowa	76		4	.80	**********	.8
Keokuk, Iowa	78			, 95	***********	.1
Springfield, Ill	79		7	. 66		
Cairo, Ill	79		3	.78	************	
St. Louis, Mo	79		3	.84	***********	
Iissouri Valley:						
Columbia, Mo	76		4	1.17		1.
Springfield, Mo		***************************************	6	1.12		
Kansas City, Mo	79		5	.97	**************	
Wichita, Kans	80			.75	********	.1
Concordia, Kans		********		.70		************
Lincoln Nobe	77	***************************************		.66	. 40	
Lincoln, Nebr	78	********	4	1.14	***************************************	2
Sione City Lores	74	0		.77		
Sioux City, Iowa	70	1		.91		
Yankton, S. Dak	73 74	0		.60	034300000000000	
Valentine, Nebr	71	3	*******************	.70	********	
Diame & Dak	75	3	***************************************	.52	03000000000000	
Pierre, S. Dak	70	5	**********	.91	***************************************	
Dismorals N Dale	67	7	*************	.56	0.5000000000000	
Moorhead, Minn Bismarek, N. Dak Williston, N. Dak	69	5	**********	.53	******	
locky Mountain Region :	69	9	***************		*****	
Havre, Mont	67	9		.54		
Helena, Mont	66	10	***************************************	. 30		
		7		. 32		
Rapid City & Dak	70	8		. 36		
Spokane Wash	68	8	***********	, 21	493933434343	
Rapid City, S. Dak Spokane, Wash Wallawalla, Wash Baker City, Oreg. Winnemucca, Nev	74	8		. 07		
Baker City Oreg	67	5		.18	. 42	**********
Winnemucca Nev	70	6	***************************************	.07	. 13	************
Salt Lake City Utah	75	3	846080001030000000	.13	.47	
Salt Lake City, Utah Lander, Wyo	68	6	*************	.21		
Chavenne Wyo	69	1	***************	.41	***************************************	
Cheyenne, Wyo North Platte, Nebr	75		3	65		
Denver Cole	74	0	0	, 38		
Denver, Colo	74	0	1	.47	.03	
Pueblo, Colo	75 79	*************	3	.70	.30	
Dodge City, KansOklahoma City, Okla	80	*************	6	.89	*****	
Amarilla Tar			5	.51	*************	
Abilene Ter	84		6	. 36	.84	
Amarillo, Tex Abilene, Tex Santa Fe, N. Mex El Paso, Tex	70		4	.54	.36	************
Fi Dage To-	70	**********	6	,45		*********
Ph raso, 1ex	84	2	. 0	.14	. 16	
Phœnix, Ariz	90	-	*************		.10	************
Tatoosh Island Wash	56			.52		000000000000000000000000000000000000000
Port Angeles, Wash	56			.07	***********	
Port Angeles, Wash	58	2	**********	. 26	*******************	
Astoria, Oreg	63	1	000000000000000000000000000000000000000	. 31		
Portland, Oreg		3	***************************************	. 15	**************	
Roseburg, Oreg	66	6	***************************************		*************	
Roseburg, Oreg Eureka, Cal	56	9	***************************************			
Red Bluff, Cal	80	10			***************************************	
Carson City, Nev	67				***************************************	
Carson City, Nev Sacramento, Cal	73	11		.00	*************	
San Francisco, Cal	60	2	400000.000.000.00	.00		
Fresno Cal	82	10		.00		
Fresno, Cal Los Angeles, Cal	70	2	**************	.00		
San Diego Cal	68	0	***************	.00	************	
San Diego, Cal Yuma, Ariz	91	5	**********			
a mund, AFIE	91	0	*********	.00	**********	

^{*} The figures in these columns represent the average daily departure.

FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

Cholera and yellow fever as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 26, 1895, to July 16, 1896.

CHOLERA.

Places.	Date.	Савея.	Deaths	Remarks.
Argentine Republic:				
Buenos Ayres	Dec. 21-Dec. 28		***********	
Austria-Hungary	Nov. 19-Dec. 2	43	25	From outbreak (August 23, 1896
	Dec. 10-Dec. 30	21	11	to date 453 cases, 296 deaths.
Parent : 0	Dec. 31-Jan. 27	16	11)
Egypt:* Alexandria	Dec. 24-Dec. 31		1	
Alexandi III	Dec. 29-Apr. 26	130	115	
	May 1-May 13			
	May 14-May 20		162	
	May 19-May 28	*********	202	
	May 29-June 7		66	
	June 9-June 14			
Cairo	Dec. 7-Dec. 11	1	2	
	Jan. 10-Jan. 11	1	138	
	May 7-May 20 May 19-May 28		372	
	May 29-June 7	**********	246	
	June 9-June 14			
ndia:	June Sound 11	***********	100	
Bombay	Nov. 19-Dec. 24		15	
•	Jan. 14-Feb. 4 Feb. 18-Feb. 25		8	
	Feb. 18-Feb. 25	***************************************	1	
	Mar. 3-Mar. 31		18	
	Apr. 2-Apr. 28	*********	33	
Colombia	Apr. 28-June 9		91	
Calcutta	Nov. 10-Dec. 28			
	Dec. 28-Jan. 4 Jan. 4-Jan. 31		165	
	Feb. 1-Feb. 29			
	Mar. 1-Apr. 25			
	Apr. 25-May 30		817	
Singapore	Mar. 1-Mar. 31			
apan:				
Yokohama	Nov. 8-Nov. 15		1	
Chiba Ken	Jan. 6-Jan. 25 Jan. 24-Feb. 16		13	
Ibaraki Ken	Jan. 24-Feb. 16	23	16	
IDELECT RELL	Jan. 24-Feb. 3 Feb. 12-Feb. 15	0	9	
Fukuoka Ken	Feb. 29	1	-	
	June 8-June 17		*********	
Osaka Fu	Apr. 25	1		
	Apr. 28-May 8	1	1	
	May 23-May 30	1	********	
	June 8-June 17		*********	
Shimane Ken	Apr. 18	1	***********	
Tokyo Fu	Inne S-Inne 17	4	1	
Gumma Ken	do	i	**********	
Kochi Ken			**********	
Tochigi Ken			**********	
Wakayama Ken	do	. 1	**********	
Yamaguchi Ken			**********	
Yehime Ken	do	1		
lorocco:	Yes 11			Chalan annual à
Casa Blanca				
Stellen				Do.
tunnia:	200. 10		10	
Kiev (government)	Oct. 13-Nov. 11	156	64	
	Nov. 11-Dec. 21		24	
	Dec. 22-Jan. 11	10	5	
	Jan. 12-Jan. 25	12	14	
Orlov		17	6	

^{*}To date of June 14, 4,317 cases of cholera, with 3,615 deaths, have been reported throughout Egypt, and during the period from June 4 to June 14, 1896, there were 693 deaths from cholera in Egypt, exclusive of the cities of Alexandria and Cairo.

Cholera and yellow fever, etc.-Continued.

CHOLERA-Continued,

Places.	Date.		Cases.	Deaths.	Remarks.
Russia-Continued.					
St. Petersburg	Nov. 16-Dec.	1	85	31	Cholerina.
	Dec. 1-Dec.		275	178	Do.
	Dec. 28-Jan.	11	79	43	
	Jan. 25-Feb.	15	15	13	
	Feb. 22-Mar.			2	
	Mar. 14-Mar.		1		
St. Petersburg (government)	Nov. 17-Dec.	7	21		
Our creation & Contestination	Dec. 8-Dec.		27	11	
	Dec. 29-Jan.			8	
	Jan. 12-Jan.		3		
	Feb. 1-Feb.	8	2	**********	
Volhynia (government)	Oct. 13-Nov.			952	
tonigna (government)	Nov. 10-Nov.		609	294	
	Dec. 1-Dec.		104	55	
	Dec. 14-Dec.		24	12	
	Dec. 29-Jan.			1	
Turkey:	rec. as onn.	Atten	*********		
Constantinople	Dec. 17-Jan.	15	3	3	Reports dated January 21, 1896
Constantinopie	Dec. II biii.	Atres			state "about I death per week."
Brena	Jan. 17				Cholera reported.
Bitlis and Seert	Jan. 15-Jan.			7	Choiera reported.
Diarbekir	Jan. 16				Cholera reported in 3 localities.
Gazran	Dec. 21-Jan.	14	67	42	choicin reported in a localities.
CHAIRM	Dec. 21-Jan.	4	0,	40	

YELLOW FEVER.

rgentine Republic	Mar.	1-Mar.	31	**********	5	On vessels from Rio de	Janeiro
Ceara	Nov.	30	******	1	1		
		24-Dec.			4		
	Mar.	1-Mar.	31	*********	3		
Rio de Janeiro	Nov.	9-Nov.	30	*********	43		
	Dec.	1-Dec.	28	*********	136		
	Dec.	28-Jan.	11	********	190		
		11-Feb.		********			
		1-Feb.	8	********	111		
	Feb.	8-Feb.	29	*********	594		
	Mar.	1-Mar.	14	*** ******	468		
	Mar.	14-Mar.	28	*********	459		
	Mar.	28-Apr.	11		305		
	Apr.	11-June	13	********	359		
Nitheroy	Apr. 2		******		*********	Yellow fever reported.	
Pernambuco		1-Nov.					
		1-Apr.					
	May	1-May	31		2		
Bahia	Mar.	31		*********		Do.	
Sao Paulo		l-Jan.				Do.	
Araraguara		4			-	Do.	
Belem							
Bicas							
Barrado Pirahy							
Campinas		7-May					
Casa Branca,							
Descalvado		4					
Dores de Pirahy		11					
Iahu		4-May					
Inboticabal							
Limeira							
Leopoldina							
Parahybuna		4					
Porto Novo	Apr. 1	1					
Sao Carlos de Pinhal		4					
San Joso Nepomuceno							
Santos	Apr. 4	-May 5				Do.	
Parahyba do Sul Valenca							
Rio Claro							
Sorocaba							
Uba							-
Valenca							
Vassouras							
Volta Grande	de					Do.	
uha:				**********	**********	2.00	
Cardenas	June	6-June	27	13	4		
		27-July			2		
Cienfuegos					2		

Cholera and yellow fever, etc.-Continued.

YELLOW FEVER-Continued.

Places.		Date.		Cases.	Deaths.	Remarks.
Cuba-Continued.						
Cienfuegos		29-Jan.				
		16-Feb.				
	Apr.	19-May	3	. 1	1	
	May	25 1-June		1 9	2	•
		14-June				
		28-July				
Habana	Nov	28-Dec.	19	40	14	
		26-Jan.			3	In military hospital.
		2-Mar.			14	an annual y nospital.
	Apr.	2-Apr.	30		. 13	
	May	1-May	28	53	26	
		28-June			29	
		18-June			9	
		25-July			45	
Manzanillo		15-Mar.				
Matanzas		17-June 24-July			42 46	
Santiago,		7-Dec.				
Sautingo		21-Dec.				
		28-Jan.				
		4-Feb.				
	Feb.	22-Feb.	29	*********	15	
	Mar.	1-Apr.	4	*********	20	
	Apr.	4-May	30		22	
		1-June				
		6-June				
O Is Goods		27-July				
Sagua la Grande		1-Dec. 25-Jan.			3	
		1-Feb.				
	Mar.	13-Mar.	20	5	**********	
		4-Apr.				
	May	11-May	18			Yellow fever reported.
		25-June				Yellow fever reported among troops,
	June	6-June	27	171	14	
Mexico:						
Tuxpan		11-Jan.				
Vera Cruz	May	21-May	28	5	**********	
Danii -	May	28-June	5 5	*********	**********	Yellow fever reported.
Peru : Callao	Anr	5				On marcala from Groom "
Puerto Rico:	Apr.	5	*****	2	2	On vessels from Guayaquil.
San Juan	Nov	29-Dec.	20	63	23	
CINIA & (48111-1110010110101010101010101111111111		20-Jan.			24	

BRAZIL.

Sanitary report of Rio de Janeiro.

RIO DE JANEIRO, June 16, 1896.

SIR: I have the honor to transmit report for the week ended June 13, 1896:

There were 2 deaths from accesso pernicioso, a decrease of 2; 7 from yellow fever, a decrease of 5; 5 from smallpox, an increase of 1; 11 from beriberi, an increase of 4; 2 from enteric fever, a decrease of 2; 56 from tuberculosis, an increase of 10, and 1 from influenza.

The health of the port is fair, and I have heard of only 1 or 2 cases of infectious disease amongst the shipping, and none on board ships bound for the United States.

Since last report the following-named ships have been inspected or received bills of health from this office: June 9, steamship Rydal Water, British, for Pensacola, Fla. June 12, bark Valparaiso, Danish,

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for Apalachicola, Fla.; bark Robertsfors, Swedish, for Pascagoula, Miss., and steamship Sirone, British, for Baltimore, Md. June 13, steamship Chaucer, British, for New York, N. Y., from Santos. June 15, barkentine Darwin, British, for Savannah, Ga.; bark Marian Woodside, British, for Pensacola, Fla.; barkentine Ramona, British, for Savannah, Ga., and steamship Carib Prince, British, for New York, from Santos. June 16, steamship Carolina, French, for New Orleans, La., from Santos.

Respectfully, yours,

R. CLEARY, M. D.,
Sanitary Inspector, U. S. M. H. S.

CHINA.

Report on the plague in Canton,

The following report on the plague in Canton was received from the United States consul at Canton, under date of June 8, 1896:

Good health generally prevails except that in some localities in Canton and in the province of Kwang-Tung, the plague has caused many deaths. In Canton the plague is believed to have abated considerably, and by August probably it will be burned out "by summer heat," as was the case in 1894.

CUBA.

Yellow fever and smallpox at Cuban seaports.

SANTIAGO DE CUBA, July 4, 1896.

SIR: I have the honor of submitting the following report on the sanitary condition of Santiago de Cuba for the week ended Saturday, July 4: Yellow fever, 9 deaths; smallpox, 41; typhoid fever, 1; remittent fever, 5; diarrhea, 6; dysentery, 10, and the rest of the deaths from common diseases not contagious or infectious, making a total of 90 deaths for the week.

Smallpox is taking a most virulent form, and the number of cases increases daily. Yellow fever has also taken a malignant character, and all the cases end fatally, at present. Dysentery is causing many deaths, and malaria is fearfully severe among the children, many of whom die from the pernicious form of intermittent fever.

I believe that I forgot to mention that 80 per cent of the smallpox cases are in nonvaccinated colored people, and that they are completely opposed to being vaccinated while the epidemic rages, from fear of catching the disease.

The government will make vaccination compulsory now, and physicians appointed for that purpose will go from house to house, vaccinating and revaccinating.

Respectfully, yours,

HENRY S. CAMINERO, M. D.,

Sanitary Inspector, U. S. M. H. S.

Under date of July 6, 1896, the United States consul at Cienfuegos reports that there were 7 deaths from yellow fever in Cienfuegos during the week ended July 4. During the same period there were 62 deaths from smallpox.

The United States commercial agent at Cardenas reports that during the week ended July 4 there were 7 cases of yellow fever in Cardenas, of which 2 were fatal.

The United States sanitary inspector at Habana reports that during the week ended July 9 there were 50 cases of yellow fever, with 20 deaths therefrom, in Habana.

GERMANY.

Denial of press reports of cholera in Dantzig.

In reply to a cablegram addressed to the United States consul-general at Berlin, inquiring whether there were any cholera cases in Dantzig. as reported in the press, the following answer was received:

BERLIN, July 10, 1896.

False alarm. Not Asiatic (cholera).

KAY. United States Consul-General.

JAPAN.

Report of infectious diseases in Japan.

Yоконама, June 17, 1896.

SIR: I have the honor to forward the following return of epidemic disease in Japan from June 8, the date of my last report, up to yester-

Cholera.—Tokyo Fu, 4 cases; Osaka Fu, 1 case; Fukuoka Ken, 1 case; Gumma Ken, 1 case; Kochi Ken, 1 case; Tochigi Ken, 1 case; Wakayama Ken, 1 case; Yamaguchi Ken, 1 case; Yehime Ken, 1 case.

Relapsing fever.-Kagawa Ken, 486 new cases since June 7; Toku-

shima Ken, 113 new cases since June 7.

The reports from the following fu and ken, returned in my last as infected, are incomplete, though in all the disease is still present and, in most, increasing: Chiba Ken, Fukushima Ken, Gifu Ken, Gumma Ken, Hiogo Ken, Kanagawa Ken, Nagano Ken, Okayama Ken, Shid-zuoka Ken, Tochigi Ken, Tokyo Fu, Osaka Fu, Kioto Fu. The kens of Shiga and Niigata have also been invaded by spirillum

fever since my last report.

Plague.—Plague still exists as an epidemic of a not very extensive character in the island of Formosa, and there only, within the limits of this Empire. Statistics are, however, entirely wanting.

I have the honor to be, sir, very respectfully, your obedient servant, STUART ELDRIDGE, M. D.,

Sanitary Inspector, U.S. M. H.S.

LEEWARD ISLANDS.

Quarantine imposed against St. Christopher.

From the Leeward Islands Gazette.

COLONIAL SECRETARY'S OFFICE, June 19, 1896.

It is hereby notified that at a meeting of the executive council of Antigua held this day quarantine has been imposed against the presidency of St. Kitts-Nevis.

GEO. MELVILLE, Colonial Secretary. 659

The above refers to 2 deaths, supposed to be from yellow fever, which occurred at St. Christopher. It is difficult to get any definite informa-M. B. BARTLEMAN,

United States Consul.

Under date of July 2, 1896, the United States consul at St. Christopher reports as follows:

This island has been quarantined by some of the neighboring islands for a supposed outbreak of yellow fever, but the chief medical officer here is issuing clean bills of health, the only disease thereon noted being measles, which is in an epidemic form. At present I know of no cases of fever of any sort in town, but there have been 5 deaths from fever during the last three weeks, which the chief medical officer calls "bilious remittent," the last death having taken place on Saturday, the 27th ult.

MEXICO.

Sanitary report from Tampico.

TAMPICO, MEXICO, July 6, 1896.

SIR: I had the honor to respond to your cablegram: "No semblance of yellow fever here. Perfectly healthy." I again repeat the statement frequently made, "No yellow fever here since 1878." This assertion is made by reliable persons. My personal observation does not extend beyond November, 1893.

Death reports, 1896.—January, 53; February, 42; March, 50; April, 50; May, 43; June, 44. Population, 12,000.

Official statement for May. - Fifteen deaths, children under 4 years, 6 of whom were under 4 months; 2 deaths from smallpox; 16 deaths from consumption; 4, malarial fever; 6, general causes; total, 43.

Fully one-half of the deaths were persons who did not have medical attendance. More than three-quarters of the population are Indians,

mixed breeds, who place their reliance in herbs, many of whom have never taken a dose of medicine as we understand the term.

I can not obtain detailed reports for June for a few days yet. Monthly reports are obtainable about 15th of each month, as they are made to the municipality.

I am, sir, your obedient servant,

JOHN MAGUIRE. United States Consul.

TURKEY.

Sanitary report of Turkey.

[Report No. 154.]

CONSTANTINOPLE, June 24, 1896.

SIR: Pilgrims coming back from the Hediaz are arriving in Constantinople. There are about 4,000 who have already arrived in good health. The sanitary news received from the different provinces of the Turkish Empire is good. The epidemics which prevailed in the districts of Marash and Zeitum, in Western Armenia, and which were a consequence of the massacres which have occurred in those places, as well as in all Asia Minor, have nearly disappeared. The physicians who have been July 17, 1896 660

sent to these places by the American Mission under the presidency of

Miss Barton have already come back.

From Diarbekir we received contradictory sanitary news. The sanitary physician states that public health in Diarbekir is good. On the contrary, the French sanitary commissioner stated in yesterday's meeting of the international sanitary commission that according to consular reports spotted typhus is raging there.

No news from Bitlis, from which place it was announced two weeks ago that bubonic plague had made its appearance among the troopmen

of Hamidieh cavalry.

Cholera is declining in the two large towns of Egypt—in Alexandria and Cairo—but it spreads in the other towns and villages. In Alexandria, for instance, the largest number of cholera deaths occurred on the 20th instant, viz, 6. In Cairo, on the 15th instant, the number of cholera deaths was 16, but on the 16th, 17th, 18th, and 19th instants the number was 11 and 10 cholera deaths per day. In the other localities of Egypt the number of deaths reached 150 per day.

In Constantinople public health is rather good. There are always some cases of measles, scarlet fever, and smallpox, some of which prove

fatal.

SPIRIDION C. ZAVITZIANO.

STATISTICAL REPORTS.

Australia—Brisbane.—Month of March, 1896. Estimated population, 93,657. Total deaths, 73, including diphtheria, 1, and whooping cough, 1.

Month of April, 1896. Total deaths, 61. No deaths from contagious diseases reported.

Sydney.—Month of April, 1896. Estimated population, 408,500. Total deaths, 439, including enteric fever, 17, and diphtheria, 13.

BAHAMAS—Dunmore Town.—Two weeks ended July 3, 1896. Estimated population, 1,472. One death. No death from contagious disease.

Governors Harbor.—Two weeks ended July 4, 1896. Estimated population, 1,500. No deaths.

Green Turtle Cay—Abaco.—Two weeks ended July 1, 1896. Estimated population, 3,900. No deaths.

BERMUDA.—Two weeks ended July 3, 1896. Estimated population, 15,013. Total deaths, 2. No deaths from contagious diseases.

CHILI—Antofagasta.—Month of May, 1896. Estimated population, 13,456. Total deaths, 50, including 4 from phthisis pulmonalis.

CUBA--Habana.—Under date of July 10, 1896, the United States sanitary inspector reports as follows:

There were 225 deaths in this city during the week ended July 9, 1896. Twenty of those deaths were caused by yellow fever, with approximately 50 new cases; 10 were caused by enteric fever, 3 by so-called pernicious fever, 2 by paludal fever, 6 by dysentery, 18 by enteritis, 15 by smallpox, 3 by pneumonia, 2 by glanders, and 33 by tuberculosis. Of the 20 deaths by yellow fever during the week, 19 occurred among the Spanish troops in the military hospital.

Great Britain—England and Wales.—The deaths registered in 33 great towns of England and Wales during the week ended June 27 correspond to an annual rate of 16.9 a thousand of the aggregate population, which is estimated at 10,846,971. The highest rate was recorded in Liverpool, viz, 23.3 and the lowest in Norwich, viz, 8.6 a thousand.

London.—One thousand three hundred and seventy deaths were registered during the week, including smallpox, 13; measles, 79; scarlet fever, 15; diphtheria, 37; whooping cough, 60; enteric fever, 5, and diarrhea and dysentery, 89. The deaths from all causes correspond to an annual rate of 16.2 a thousand. In greater London 1,758 deaths were registered, corresponding to an annual rate of 14.8 a thousand of the population. In the "outer ring" the deaths included 7 from diphtheria, 29 from measles, 20 from whooping cough, and 4 from scarlet fever.

Ireland.—The average annual death rate represented by the deaths registered during the week ended June 27 in the 16 principal town districts of Ireland was 24.2 a thousand of the population. The lowest rate was recorded in Lurgan, viz, 4.6, and the highest in Sligo, viz, 45.7 a thousand. In Dublin and suburbs 171 deaths were registered, including scarlet fever, 1, and whooping cough, 2.

Scotland.—The deaths registered in 8 principal towns during the week ended June 27 correspond to an annual rate of 17.1 a thousand of the population, which is estimated at 1,518,347. The lowest mortality was recorded in Perth, viz, 12, and the highest in Dundee, viz, 19.6 a thousand. The aggregate number of deaths registered from all causes was 500, including scarlet fever, 3; diphtheria, 4; measles, 28, and whooping cough, 15.

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MORTALITY TABLE, FOREIGN CITIES.

		alla e	from			1	Dent	hsfi	rom-	-		
Cities.	Week ended.	Estimated popula- tion.	Total deaths	Cholera.	Yellow fever.	Smallpox.	Typhu-fever	Enteric fever	Searlet fever.	Diphtheria.	Measles.	Whooping
Acapulco	June 20	- 5,000	6		*****			*****				
Aix la Chapelle	do	111, 246 231, 396	39							****	*****	
Alexandria	May 27	231, 396 2, 300	353 1	107	*****	1	****	*****		1	4	***
Amsterdam	July 4 June 27	487, 772	:09		*****	*****	*****	2	*****	3	15	***
Antofagasta	May 31	13, 496	11			******			******		200	
Belleville	July 6	10, 459	4		*****	*****	*****		253.15	****	*****	
BirminghamBologna	June 27	501, 241	191 82					*****		3	3	
lombay	June 9	148, 143 821, 764	514	10		11		*****	*****	*****	4	***
Bordeaux	Apr. 4	256, 906	49	*****	*****		*****	******		1	i	***
Do	Apr. 11	256,906	107	*****	******	*****		1		*****	2	***
Do	Apr. 18	256, 906	113 120			+***			18899			
Do	Apr. 25 May 2	256, 906 256, 906	117							*****	8 7	***
Do	May 9	256, 906	106									
Do	May 16	256, 906	90					1	*****		2	
Do	May 23	256, 906 256, 906	89 95	*****		*****		*****		******	2	
Do	May 30 June 6	256, 906	104	*****			*****		*****		2 8	
Do	June 13	256, 906	93			* ***			*****		2	**
Do	June 20	256, 906	70							*****	1	
Bradford	June 27	221,610	58		*****				*****		1	
Bristol	June 20 June 27	142,000 230,623	45 77			*****			2	1	3	**
russels	June 20	507, 985	193		******		*****	ĩ		1	6	
'airo	May 27	374, 838	803	261		7	5	-			39	
Calcutta	May 30	681,560	403	71	,,,,,,,	3			->191		****	
Allao	July 4	25, 000 23, 517	32 21	****		4	5		****			
ardiff	June 27	162, 690	41			*****			*****	******	7	**
Chatham	July 4	9,052	4	******				******				
hristiania	June 27	182, 856	74	*****	****				***	8000	5	
lienfuegos	July 5 July 4	24, 030 2, 500	103	*****	7		****				*****	**
ognae	June 27	21,000	5						*****		*****	**
ologne	June 13	325, 887	170							2	99	. 88
Oresden	June 20	336, 440	130			*****		1991	2	2	****	
Oublin Oundee,	June 27	350,000 161,620	171 61	+****	19557	****			44,000		*****	
Ousseldorf	June 20	177, 739	81	****	*****					1	1	
dinburgh	June 27	276, 514	77						2	1	*****	
lushing rankfort on the Main	do	16, 300	3			KERE!		*****	****		XXXX	4.8
denoa	do	231,000 211,226	80 87						1	****	1	
Gibraltar	June 21	25, 800	9					*****	******	*****		8.8
lasgow	June 27	705, 052	252	****		*****	****	3	1	1	27	**
othenburg	June 20	114,000	42	*****			****	2	*****			
luayaquilIalifax	June 19 July 4	50, 600 38, 700	63 19	*****	*****	3		22		*****		-
lamburg	June 27	625, 552	224	1111111	*****		****	1		******		*.*
longkong	June 20.	232, 662	(*)		18868	****	****	1		taken.	*****	
Honolulu		28,000	10		****		14441	****			+****	**
Conigsberg	July 10 June 27	17, 955 171, 700	- 3		******				1	******	2	**
eeds	do	395, 546	157			*****		****		****	4	**
eghorn	do	103, 434	30			*****	****		*****			
eithiverpool	do	74, 110 641, 063	19		****	****				*****	*****	
ondon, Canada	July 4	31, 429	286			*****	****	2	4	1	8	1
ondon, Canada ondon, England	June 27	6, 178, 376	1,758			1		12	19	44	108	**
yons	June 20	500,000	149		180881	*****	***	12821	****	1	*****	
fadrasfadrid	June 5 June 23	452, 518	329	*****	****	15	*****		****	3	8	**
lagdeburg	June 13	482, 816 214, 161	331 101	******	*****	19	*****	11		5	17	**
lanchester	June 27	531,697	197	*****	*****				4	1	13	1 88
Mannheim	June 20	88, 400	33	*****				****		1	*****	
Maracaibo	June 13 June 20	50,000 50,000	25 20			-		*****			*****	
datamoras	July 3	8,000	3	*****	*****	*****	*****	*****		****		
Istanzas	July 1	55,000	53		46			3	** *	*****	*****	
layence	Immo 07	74, 917	25	1								

^{*}Sixty-three deaths from plague.

MORTALITY TABLE, FOREIGN CITIES—Continued.

		i i	rom			1	Dent	hs fr	om-	-		
Cities.	Week ended.	Estimated poption.	Total deaths f	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping
Melbourne	May 2	1, 140, 405						2		4		
Do		1, 140, 405	***********					3	*****	4	*****	
Do		1, 140, 405	***********					7		2	*****	
Do		1, 140, 405	***********							ī	******	
Do		1, 140, 405									*****	****
Messina		107,000	04						*****	*****		****
Montevideo		215, 061	64			****			*****	1	****	
Munich						*****			*****	î	*****	****
		406,000	167			*****			*****	1		
Newcastle on Tyne		212, 223	65								2	
Nurem berg		163, 012	71	*****	*****	*****	*****			2	*****	
)dessa		353,000	119		******	3	1	****		2	1	
baka and Hiogo		161, 120	111			4	*****	3	*****		*****	****
Do		161, 120	131	****	*****	18					+53.55	
Paris		2, 511, 955	806	*****		*****		2	5	7	10	
Plymouth	June 27	89,686	25			*****			*****		*****	
Prague		198, 017	144	1				8	*****	2	6	
Puerto Cortes	July 1	1, 856	0						******			
Rio de Janeiro	June 13	650,000	284				*****					
Rotterdam		280, 231	74									
agua la Grande		17, 536	39						*****			
t. Georges		2, 150	1						*****			
Do		2, 150	0									
t. Johns		36, 119	10									
Do		36, 119	10						*****			
t. Petersburg								200	(30)	1.0	10	*****
		954, 400	619			10			20		1.5	,
t. Stephens		3,000	0						041143			
an Juan del Norte	June 29	1,280	1						*****			
Do		1,280	0						*****			
chiedam	do	26,233	8		*****			*****		*****		****
outhampton		94,093	32					1		*****		
South Shields		92,773	31	*****		*****	****	1	2			****
stettin		142,000	94						1	*****	*****	
tockholm	June 20	267, 100	***********				******				4	4
Stuttgart	June 25	158, 378	43						*****			
wansea	June 20	98, 250	25						*****			
legucigaipa	June 13	14,000	4									
Do	June 20	14,000	2									
Prieste		158, 314	89							2		
Tuxpan		10, 280	11									
Venice		161, 480	53									
Vera Cruz		27,065	24									
Varsaw	June 13	553, 643	250				1		6			
Yokohama		126, 685										
Do		126, 685	*********						*****			
			*********		*****				*****			
Zurich	June 20	145,000	99		*****	*****		*****		*****	*****	

By authority of the Secretary of the Treasury:

Walter Wyman, Supervising Surgeon-General U. S. Marine-Hospital Service.

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SUPPLEMENT.

Public Bealth Reports.

(Formerly "Abstract of Sanitary Reports.")

Treasury Department, United States Marine-Hospital Service. Published in accordance with act
of Congress approved February 15, 1893.

VOL. XI.

WASHINGTON, D. C., JULY 17, 1896.

No. 29.

UNITED STATES.

Mortality statistics of 1,461 cities and towns in the United States for the twelve months ended December 31, 1895.

The following table shows the total mortality of each city or town, the mortality rate based upon the population according to the United States census of 1890, the mortality rate based upon the estimated population, 1895, and the total mortality from certain infectious diseases.

This table has been compiled and prepared in the Marine-Hospital Bureau from replies received in response to the following circular letter, which was addressed to every city and town in the United States having a population according to the United States census of 1890 of 1,000 or more.

The total number of letters thus addressed was 3,715; 1,756 replies were received, of which number only 1,461 could be utilized in the preparation of the table:

[Circular letter.]

TREASURY DEPARTMENT,
OFFICE OF THE SUPERVISING SURGEON-GENERAL
MARINE-HOSPITAL SERVICE,
Washington, D. C., January 15, 1896.

To the secretary of the local board of health or local health officer.

SIR: I have to request that you will furnish this office, at your earliest convenience,

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with the following information relative to the mortality and (as far as possible) the morbidity statistics of ——— during the year 1895:

Disease.	Cases.	Deaths.	Disease.	Cases.	Deaths.
Phthisis pulmonalis Smallpox			Measles	*******************	***************************************

A penalty envelope, addressed to this office, is inclosed for the return of this circular letter, and you are further requested to return the letter in case it is found impossible to make the desired entries in the above table, with a statement to that effect.

Respectfully, yours,

WALTER WYMAN,

Supervising Surgeon-General M. H. S.

Name of city or town ———. Reported by ———.

MORTALITY IN CERTAIN CITIES AND TOWNS IN THE UNITED STATES DURING THE CALENDAR YEAR 1895.

bilene, Kans.	25.6.27.33.6.33.45.33.01.22.89.07.6.28	7 2	*****	1 201 1 Enteric fever.	2	1	G-4 Diphtheria.	*****	
bington, Mass.	.76 .27 .33 .56 .33 .45 .33 .01 .52 .89 .07	9 15 2 4 1 6 2	****** ***** ***** ***** ***** ***** ****	1 1 1 1	2	1	5	*****	2 2 2
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ckley, Iowa	.33 .56 .33 .45 .33 .01 .52 .89 .07	2 4 1 6 2	**************************************	1	2	*****	*****	*****	
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ngois, ind 29 1, 340 15, 76 2,000 14, ntrim, N. H. 25 1, 248 20,03 1, 300 19, ntwerp, Ohio 22 1, 331 16, 52 1, 600 13, palachicola, Fla. 42 2, 727 15, 40 3, 500 12, ppleton, Me. 27 1,080 25 1, 100 24, 7 reanum, Ohio 20 1, 134 17, 63 1, 500 13, rlington, Mass. 97 5, 629 17 23 6, 515 14, 11 11 11 11 11 11 11 11 11 15, 301 13, 301 12, 31 14, 31 14, 300 12, 31 14, 31 14, 31 14, 300 12, 31 14, 31 14, 31 14, 300 12, 31 14, 31 14, 31 14, 31 14, 300 12, 31 14, 31 14, 31 14, 31 14, 31 14, 31 14, 300 12, 31 14,	21	20	****	5		1	11 36	1	*
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ngola, Ind	. 33	2					*****		1
ntwerp, Ohio 22 1, 331 16, 52 1, 600 13. palachicola, Fla. 42 2, 727 15, 40 3, 500 12. ppleton, Me. 27 1, 080 25 1, 100 24. reanum, Ohio 20 1, 134 17, 63 1, 500 13. rlington, Vt. 20 1, 352 14, 79 1, 360 14. shland, Ill. 16 1, 045 15, 31 1, 300 12. shland, Mass. 36 2, 532 13, 89 2, 090 17.	. 49	4		*****		****	******	*****	
ntwerp, Ohio 22 1, 331 16, 52 1, 600 13. palachicola, Fla. 42 2, 727 15, 40 3, 500 12. ppleton, Me. 27 1, 080 25 1, 100 24. reanum, Ohio 20 1, 134 17, 63 1, 500 13. rlington, Vt. 20 1, 352 14, 79 1, 360 14. shland, Ill. 16 1, 045 15, 31 1, 300 12. shland, Mass. 36 2, 532 13, 89 2, 090 17.	99	8	*****	1	*****	*****	1	1	
palachicola, Fla. 42 2,727 15,40 3,500 12 ppleton, Me. 27 1,180 25 1,100 24.5 reanum, Ohio. 20 1,134 17,63 1,500 13. rlington, Mass. 97 5,629 17 23 6,515 14. rlington, Vt. 20 1,352 14.79 1,360 14. shland, Mass. 36 2,532 13 89 2,090 17.	75	6		******	*****	******	î		ľ
ppleton, Me		2	*****	*****	1	*****		1	ľ
shland, Mass	.54	4		*****		*****	*****	*****	
shland, Mass		777	*****	4	*****	*****	4	*****	1
shland, Mass		÷	*****		*****	*****		*****	1
shland, Mass	.30	2		2	*****	******	*****	*****	
shiand, Wis	99				3	*****		*****	
shtabula, Ohio	.76	14		10			15	1	1
	25	17	*****		6	6	14	2	1
sheville, N. C	. 53	49	******		*****				
thens, N. Y	8	3				000000	*****		
thens, Pa		3	*****	2	12	3	6	1	
thens, Tenn	.42	4	*****	2	12	3	0	3	-
tlanta, III		3	******	2	1	******			
ttalla Ala 19 1954 14 25 1 500 19	.42 .51						1	*****	
uburn, Me 187 11,250 16.62 12,000 15.	. 42	1		1	99990-			*****	
uburn, Mass	.42 .51 .33	15	*****					*****	
uburn, Me. 187 11, 250 16, 62 12, 000 15, 152 16, 62 12, 000 15, 152 15, 152 16, 58 1, 599 18, 152 18,	.42 .51 .33 .58 .76	15		34	20	3	3	9	
urora, Ind	.42 .51 .33 .58 .76 .80	15		14	12				1

		930	of the 1890.		f the			Des	ths	from	-		
Cities or towns.	Total deaths from all causes.	Population, U.S. Census of 1890.	Annual mortality per 1,000 o population, U. S. Census, 1	Estimated population.	Annual mortality per 1,000 of estimated population,	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria.	Membranous croup.	Whooping cough.
Austin, III	158	4, 051	39	24,000	6,58	7		4	2	2	8	3	****
Austin, Pa	*23	1, 679 1, 453	23, 82 15, 82	2,500 1,500	16 15, 33	*******	*****	10	*****	5	*****	3	
Avon, Conn	18	1, 453 1, 182	15, 22	1, 200	15	********			*****		*****		
Avon, Mass	21 20	1, 384 1, 653	15, 17 12, 09	1,640	12.80 11.76	4 3		*****			*****	*****	
Avondalo Alo	16	1,642	9.73	1,700 2,500	6.4	2	*****	*****	1		****		****
Ayer, Mass	35	2, 148	16, 29	2, 101	16,65	1				*****		*****	
Bakersfield, Cal	96 17	2, 626 1, 162	36, 37 14, 63	5,000 1,800	19, 20	18	*****	8	4	*****		2	1
Ballston Spa, N. Y	53	3,527	15, 02	4,000	13, 25		*****	*****		*****	*****	*****	
Ayer, Mass. Bakersfield, Cal. Bakersfield, Vt. Ballston Spa, N. Y. Baltimore, Md.	10, 301	434, 439	23.71	496, 315	20.75	1, 141	*****	1173	68	59	265	45	68
	380 64	19, 103	19, 88 25, 50 [25,600 4,800	15, 20 13, 33	6	******	13					10000
Bangor, Pa	15	$\frac{2,509}{1,524}$	9.91	1,500	10	6	******	-	*****	*****	0	1	
Barnesville, Minn	14 97	1,069	13.09	1, 200	11,66	2	****	*****		1	*****	1	*****
Barnet, Vt.	23	4, 023 1, 897	24.11 12.12	4, 055 1, 900	23, 92 12, 10	10	*****	1	*****	*****	*****	*****	****
Barre, Mass	44	2, 239	19.65	2,300	19, 13	9			*****	******	******	*****	
Barnet, Vt. Barre, Mass Barre, Vt. Barrington, R. I. Batavia, Ill.	69 33	6, 812	10.12	6,000	11.50	3		1					1 3
Ratavia. III	40	1, 461 3, 543	22.58 11.29	1,668 4,000	19.78 10	7	*****	*****		*****	1	*****	
Batesville, Ark	31	2, 150	14.41	2,600	11.92	10	******	******		*****	1	*****	1
Batesville, Ind	21	1. 169	17.96	2, 200	9.54	1		1	*****	*****	7	1	
Bay City, Mich	300	2, 399 27, 839	4.58 10.77	3,000	3, 66	3 35		1 3			12		
Bayfield, Wis	10	1,373	7.28	1,800	5, 55		*****		*****		13	*****	9
Bay City, Mich Bayfield, Wis Bayonne, N. J Beaver Falls, Pa	409 135	19,033	21.48	19,856	20,60	33		3		5	10	2	3
Bedford, Mass	26	9,735 1,092	13.86 23.81	10,000	13,50 22,24	9	******	*****	*****	*****	*****	****	***
Bedford, Mass Bedford, N. H Bedford, Pa Belchertown, Mass	24	1, 102	21.77	1,000	24	2 5			1		*****	******	
Bedford, Pa	30	2, 242	12.63	3,000	10	*******			*****	1	2	1	
Belding, Mich	45	1,730	21.61	2, 161 3, 500	20.82	5		1	*****	3	*****	*****	
Belding, Mich Belfast, Me	76	5, 294	14.35	5, 294	14.35						*****		
Belgrade, Me	20	1,090	18, 34	1,090	18.34								*****
Belgrade, Me Bellaire, Ohio Bellefontaine, Ohio	142	9, 934 4, 245	14. 29 19. 78	7,000	14.20 12	15		7		3	5	*****	
Belleville, Ill	187	15, 361	12.17	20,000	9.35			9	******	*****	******	*****	1
Bellevue, Iowa	16	1,394	11.47		10					*****			
Believille, Ill. Bellevue, Iowa. Bellows Falls, Vt. Belmont, Mass. Belmont, N. H. Beloit, Kans f. Belvidere, N. J. Benavider Tex	57 32	2,098	15. 25	3,500 2,800	16.28 11.42	13		2		******	1	2	*****
Belmont, N. H	21	1, 142	18.39	1, 142	18.39								*****
Belvidera N I	134 . 24	******** ** *	10 57	13, 500	9.92	14		10	*****	3		1	****
Benavides, Tex	*4	1,768 1,424	13.57	2,000	12 13, 33	********		1	2	****			****
Bennington, Vt	102	6, 391	15, 95	7,000	14.57	10		3		******	3	*****	CEACA
Benwood, W. Va	30 16	2,934	10, 22 11, 25	4,500	6.66	*******		2			1	*****	
Berkeley, Cal	107		20, 98	1, 421 10, 000	11.25 10.7	10			*****		2		
Berlin, Wis	95	4. 149	22.89	4 975	22. 22	8			*****				1
Berwick, Me Bessemer, Ala	26 96	2.294	11.33	2,400	10, 83	2 .		1		*****	3		1
Possomor Mich	44	2,566	21. 12 17 15	8, UNI	12 12,57		*****	3 2	3		3	2	1
Bethel, Conn	59	3, 401	17.34	3,500	16.85	4 .		1		*****			****
Bethlehem N H	46 23	1,448	31.76	1,700	27.05	8 .		1					
Bethlehem, Pa	111		18, 15 16, 41		16, 42 13, 05	1		6	*****	1	3	5	xx
Beverly, Mass	192	10, 821	17.74	11 806	16. 26		*****	2	*****	*****	17		****
Beverly, N. J	43	1,957	21.97	2,000	21.50						**		
Beverly, Mass. Beyerly, N. J. Big Rapids, Mich Billerica, Mass.	53 32	5, 303	9 99	5, 500	9,63 12,30	3							
Biloxi, Miss	94		29.06		18, 80	13	*****	2	*****				

^{*} Two deaths from typhus fever. \dagger S(x months only. \dagger Includes Mitchell County.

		880	of the 1890.		f the			Dea	ths f	rom	_		
Cities or towns.	Total deaths from all causes.	Population, U. S. Census of 1890	Annual mortality per 1,000 o	Estimated population.	Annual mortality per 1,000 of estimated population.	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria.	Membranous croup.	Whooping cough.
Binghampton, N. Y	588	35, 005	16.79	42,000	14	63	*****	15		*****	26	*****	22.55
Birdsboro, Pa	26	2, 261	11.49	2,300	11.30		*****	*****	*****		*****	1	14.84
Black River Falls, Wis Blair, Nebr	9	2, 261 2, 069	3, 98	2,000 3,000	4,50	9	*****	1	*****	+88861	11	42	
Blairsville, Pa	41	3, 126	13, 11	5,000	8, 20		*****	8	*** **				****
Blanchester, Ohio	23	1, 196	19.23	1,496	15, 37	3 11 5 4	*****	2			*****		***
Bloomfield, Iowa Bloomington, Ill		1,913 20,484	46, 52	3,000	29,66	11		2	2		2	2	** **
Plansburg Pa	60	2, 568	23, 36	3 No.	17.14			** **	*****		3	100884	7581
Booneville, Mo	* 60	4.141	14, 49	4, 200	14.28	5		** ***		*****		*****	
Booneville, Mo Booneville, N. Y Boothbay, Me Boothbay Harbor, Me	53	1,613	32, 85	3,500	15, 14	-4	****	1	*****	198681	*****	1	20.20
Boothbay, Me	18 24	1,718 1,699	10, 47 14, 12	1,750	10.28			*****		*****	****	****	86 21
		4, 232	17. 25	5,500	13, 27	6 8 1,349		3	1	*****	1	*****	
Boston, Mass Bound Brook, N. J Bowdoinham, Me	11, 329	448, 477	25, 26	501, 083	22,60	1,349		163	19	114	588	66	-
Bound Brook, N. J	36	1, 462	24, 62	2,000 1,500	18		151,553	*****	*****	*****	*****	*****	25.00
Bowling Green, Mo	26	1,508 1,564	17, 24 5, 11	2,000	17.33								
Bozeman, Mont	31	2, 143	14.46	3,500	8, 85	3	*****	î	******	1		*****	24.5
Bozrab, Conn	16	1,005	15, 92	1,000	16	2	*****		*****			*****	100
Brackettville, Tex	8	1,649	4.84	1,800	4.44		****	105884	*****	*****	1688	****	***
Bradford, Me	18 73	1,215 3,720	14, 81	1, 200 5, 500	15 13, 27	2 2	*****	*****		3	*****	*****	418
Bradford, Me Bradford, Mass Bradford, Pa Bradford, Vt	196	10, 514	18.64	18,000	10.88	-	*****	*****	1	3	î	1	***
Bradford, Vt	25	1,429	17, 49	2,000 7,560	12,50	1	*****	1	******	*****	*****		
Srainerd, Minn	~ 110		19, 28	7,560	14.55	11	*****	13	*****	******	1	*****	
Brandon, Vt Branford, Conn	47 99	3, 310 4, 460	14. 19 22. 19	3, 300 5, 000	14.24 19.80	11	*****	1	****	1		*****	51.6
Brazil, Ind	85	5, 905	14.39	9,000	9.44	6	*****	10	14450	3	2 7	3	
Bremen, Ind	3	1.076	2.78	1,500	2	******	******			****		*****	***
Brewster, Mass	24	1,003	23.92	900	26, 66	1	*****	*****					
Bridgeport, Conn	*1,044	48, 866 4, 249	21, 36 12, 70	39, 341 4, 686	17.59 11.52	108	*****	9	1	1	87	12	
Bridgewater, Mass Bridgewater, Vt Bridport, Vt Brighton, Vt	21	1, 124	18, 68	1, 184	17.73	1	******	1			*****		
Bridport, Vt	14	1,018	13, 75	1, 100	12,72	2							
Brighton, Vt Brightwood, Ind	19	2,020 1,387	9, 40	2,000 2,200	9.5	1 3				******		*****	**
Brimfield, Mass	25	1.096	14, 42 22, 81	1, 200	9,09			2	1	3	1	1	***
Bristol, Conn		7, 382	*******	. 7,382	*********	2 7	*****	43					
Bristol, Me Bristol, Pa	33	2, 821	11.69	2,821 7,000	11.69	*******		2			. 1	*****	
deinted D I	3 1340	6,553 5,478	21.05 24.82	6,700	19.71 20.29	18		2			1	3	i.x
Bristol, R. I	21	1,828	11.48	1,900	11.05	10	18888		*****	1	i.	1	18.8
Brockport, N. Y	57	3,742 27,294	15.23	3, 742 33, 165	15, 23	9	XXXXX	1	*****	*****	1	****	
Brockton, Mass	486	27, 294	17.80	33, 165	14.65	72	*****	8	1	4	13		
		1, 461 2, 142	6.84	1,700 2,000	5, 88		6	****	* *****		*****	1888)	09.0
Brookhaven, Miss Brookfield, Mass	59	3, 352	17.59	3, 400	17.35	10		*****		******	*****	*****	
Brooklin Me	18	1,046	16.43	1, 100	16, 36	1	*****	*****	*****	1			
Brookline, Mass	245	12, 103	20, 24	16, 164	15, 15	23		3		1	15		
Brooksville Me	22,568	806, 343 1, 310	27.97 12.97	1,080,000	20, 89	2, 299	1	173	192	124	1135	315	26
Brookline, Mass Brooklyn, N. Y Brooksville, Me Brookville, Ind	41	2,028	20, 21	2,000	20.5	12	*****	KERRE		****	1	*****	***
Brookville, Pa Brownfield, Me	37	2,478	14.93	2,700	13.7	5	*****	1	****	1	*****	*****	
Brownfield, Me	24	1, 134	21.16	1, 150	20, 87	*******		1	*****		*****	*****	100
Brownstown, Ind Brownville, Me	12	1, 422 1, 074	5, 62 11, 17	2,000 1,200	10	3		9		*****	*****	*****	207
Brownwood, Tex	60	2, 176	27.57	3,500	17.14	2		-	NEXX.		******	*****	
Brownwood, Tex Bryan, Ohio.	39	3,068	12.71	4,000	9, 75	4	*****	2				1	
Buchanan, Mich	20	1,994	10,03	2,000	10	1	*****	2 7	****	*****			
Buffalo, N. V	4,074	5, 974 255, 664	14, 06 15, 93	7, 000 335, 709	12 12.13	15 452	*****	7	00	22	150	69	2
Buchanan, Mich Bucyrus, Ohio Buffalo, N. Y Buffalo, Wyo	6	1, 087	5, 51	1,100	5, 45	902	*****	86	w	22	190	0.3	9
Bunker Hûl, III	21	1, 269	16.54	1, 434	14.64	3							

^{*}One death from typhus fever.

-		.068	of the 1890.		f the		1	Dea	ths f	rom-	-		
Cities or towns.	Total deaths from all causes.	Population, U. S. Census of 1890	Annual mortality per 1,000 of the population, U. S. Census, 1890.	Estimated population.	Annual mortality per 1,000 of estimated population.	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Searlet fever.	Diphtheria,	Membranous croup.	Whooping cough.
Burke, Vt	16 265	1, 198	13, 35	1,200	13, 33	1 34		5					****
Burlington, Iowa Burlington, Kans	39	22, 565 2, 239	11.74	28,000 2,322	9, 46 16, 79	4	*****	1			3	3 2	
Burlington, Vt Butler, Ind	291	14, 590	19.24	18,000	16, 16	27	****	1		48	2	3	1
Buxton. Me	8 36	2,521 2,036	3, 17 17, 68	2, 200 2, 000	3, 63	*******	*****	*****		*****	******	*****	EAR
Buxton, Me	14	1,074	13,03	1,100	12,72	1	****	****	*****	*****	*****	*****	****
Cambridge, Mass	1,500	70,028	21.42	18,000 81,643	11 18.37	181	*****	12	3	17	5 94	112	1
Cambridge, N. Y	37	1,598	23, 15	1,500	24.66	5			1				****
Camden, N.J	1,346	58, 313 3, 533	23, 08 3, 13	65,000 3,000	20.7 3.66	89	******		2	2	29	21	1
Cambridge, Mass Cambridge, N. Y Cambridge, N. Y Camden, N. J Camden, S. C.* Cameron, Mo Camp Pt. Ill Campan Me	80	2, 917 1, 150	27.42	3, 100	25.8	8	*****	4			4	3	****
Camp Pt., Ill	13 19	1, 150 1, 130	14.90 16.81	1, 300 1, 130	10 16.81	1 3	*****	1	****	-	*****	HERE	***
Cannan, Me Canaan, N. H. Canandaigua, N. Y. Canajobarie, N. Y. Candia, N. H. Cannon Fails, Minn Canton, Conn	21	1, 417	14.85	1,417	14.85	1							
Canandaigua, N. Y	106 30	5, 868 2, 089	18,08 14,13	5, 868 4, 500	18.08 6.66	12	*****						
Candia, N. H	30	1, 108	27,07	1, 100	27, 27	4			******	****	*****	****	
Cannon Falls, Minn	15	1,078	13, 91	1, 300	11,53	3	*****	-	*****		*****	*****	***
Canton, Conn Canton, Me. Canton, N. Y. Canyon, Colo Cape Vincent, N. Y. Carbondale, Pa. Carey, Ohio. Carlisle, Ky. Carlisle, Pa. Carlstadt, N. J. Carmel, Me. Carmi, Ill. Carrollton, Ga. Carrollton, Ky. Carthage, Mo. Carthage, Mo. Carthage, Mo. Carthage, Ohio. Cartenge, Mo. Carthage, Ohio. Cartenge, Mo. Carthage, Ohio. Cartenge, Mo. Carthage, Ohio. Cartenge, Mo. Cartenge, Ohio. Cartenge, Mo.	40 18	2,500 1,303	16 13, 81	2,500 1,500	16 12	8 2	*****	*****	*****	*****	1	1	****
Canton, N. Y	87	2, 580	33.72	6,000	14.5	3	******		*****	1			
Canyon, Colo	63 36	2, 825 1, 324	22.30 27.19	5,000 3,000	12.6 12	11		1	*****	12			
Carbondale, Pa	286	10 833	26, 40	17,000	16, 82	12	****	11	*****	3	23	4	SEEK
Carey, Ohio	25	1,605	15, 57	17,000 2,000 2,500	12.5	******	*****				1	*****	***
Carlisle, Ry	20 145	1,081 7,620	18,50 19,02	9, 290	8 15, 6	11	*****	3	2	*****	*****	1	****
Carlstadt, N. J	33	1,549	21, 30	2,000	16.5		*****		*****	******	*****		****
Carmel, Me	73	1,066 2,785	3.75 26,21	1,066 3,500	3.75	***********	*****	*****	*****	*****			
Carrollton, Ga	25	1, 451	17. 22	2,500	21.85 10	7	*****	3	4	*****	2	1 2	***
Carrollton, Ky	21	1,720	12, 20	2,500	8,4	4				******			
Carthage, Mo	199	7, 981 2, 278	24.93 17.12	11,000 3,000	18.09	3	*****	10	*****		1	*****	****
Carthage, Ohio	33	2, 257	14.62	2,500	13.2	5	*****	40	*****	*****		*****	
Cartersville, Ga	45 20	3, 171	14, 19	3, 200 1, 500	14.06				*****	****	*****		
Castile, N. Y	29	1, 369 1, 146	14, 60 25, 30	2, 450	13, 33	3	*****		*****	*****	1	1	** **
Catasauqua, Pa	60	3, 704	16, 19	2, 450 3, 704	16, 19	5	******	1	1	1	2	2	****
Catawissa, Pa	28 82	1,809 4,920	15, 47 16, 67	2,500 5,000	11.2 16.4	4	*****				1	*****	***
Carthage, Ohio Cartersville, Ga Cassopolis, Mich. Castile, N. Y Catasauqua, Pa Catasauqua, Pa Cataswissa, Pa Catskill, N. Y. Cazenovia, N. Y. Cedar Falls, Iowa Celina, Ohio Central City. Colo.	65	1,987	32, 71	2,000	32.5	3	*****		*****	*****		*****	***
Cedar Falls, Iowa	65	3, 459	18.79	5,000	13	4				******	2	*****	***
Central City, Colo	31 108	2,702 2,480	11.47 15.42	3,500 7,000	8, 85 15, 43	7 9	*****	3 2	2	8	11 6	4	per
Central City, Ky	7	1, 144	6, 12	2,200	3.18	*******	*****		******		1	43	****
Chadron, Nebr	25 6	1, 435 1, 867	17.42 3.21	2,000 3,000	12.5	2		5	*****		2	2	
Chagrin Falls, Ohio	14	1.243	11.26	1 900	7.77	4	*****	2					***
Champlain N V	38	1,954	19.44	1,809	21	4	*****				*****	****	45.51
Charles City, Iowa	11	1, 275 2, 802	3.93	1,400 4,800	2, 29	4		1	1	*****	1	*****	***
Charleston, N. H	26	1,466	17.73	1,500	14.00	1	*****			*****	*****	1 3	***
Charleston, S. C W.	540 1, 279	34, 955	33, 10	{28,870 36,295	18,70 35,23	39 194		18			3	3 2	***
	13	1,240	10.48	1 950	10, 4	194	2	19	*****	*****	A	2	
Chaska, Minn Chateaugay, N. Y Chatfield, Minn	24	2, 210	10.86	2,500	9.6	3		****			*****		
Chatfield Minn	31 23	1, 172 1, 335	26, 45 17, 22	3, 100 1, 500	10 15, 33	3	*****	1		2	1	1	** **
Chattanooga, Tenn	435	29, 100	14, 94	40,000	10.87	82	*****	19		2	2	10	****
Chattanooga, Tenn Cheboygan, Mich Chehalis, Wash	200	6, 235	32.07	8,000	25	6	*****	*****	******		15	****	***
Chelmsford, Mass	16 53	1,309 2,695	12, 22 19, 66	2,000 3,162	8 16.76	3	*****	1	*****	. 1	*****	*****	***

^{*}July to December 31, 1895.

		1890.	of the 1890,		of the		1	Deat	hs fi	rom-	-		
Cities or towns.	Total deaths from all causes.	o sus	Annual mortality per 1,000 o population, U. S. Censua, B	Estimated population.	Annual mortality per 1,000 o estimated population.	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria.	Membranous eroup.	Whooping cough.
Chelsea, Me	13	2, 356	5, 52	950	13.68	*******	*****			****	*****	*****	
Chelsea Mass	656	27,909	23,50	31,295	20,96	99	*****	2		10	31	15	1
Chelsea, Mich		1,356		1,600	00 09	3 5	*****		1	*****	*****		
Chelsea, Mich Chelsea, Vt Cherokee Co., Kans	41	1, 230	33, 33	1, 240 30, 681	33, 07 5, 7	200	*****	15	258843	*****	10	466881	
Cherryfold Mo	175	1.787	9.51	1,760	9,65	6	*****	200		*****	*****		ex ex
Cherryfield, Me Chesaning, Mich Cheshire, Conn	17	1,787 1,056	16,09	2,600 1,900	6.54	2	*****			*****	1	*****	
Cheshire, Conn	40	1,929	20.73	1,900	21.05	1	*****	****	*****			*****	26.11
Cheshire, Mass	30	1,308 1,301	22.93	1, 300	23.07	4	*****	*****		1 1111	*****	*****	
Chester, Conn Chesterfield, N. H	11	1,301	8.46	1, 300 1, 200	8, 46 15, 83		Section.			*****			1 1088
Chesterfield, N. H	19	1,046 2,265	18.16 48.12	3,000	36, 33	*******	*****	******		198800	****	*****	
Chetopa, Kans Chicago, Ill	24, 319	1,099,850	22, 10	1,600,000	15.19	2, 169	160	518		77	1775	****	
Chicago Junction, Ohio	20	1, 299	15, 39	2,800	7.14	3	*****					1	
Chico and vicinity, Cal	106		*******	9,000	11.77	10	******				*****		
Chicopeo Mass	369	14,050	26, 26	17,000 7,000	21.71	30	*****		1	5	5	2 2	
Chillicothe, Mo	70	5, 717 1, 424	12.24	1,600	10 2.5	2	*****	10		1	1	-	12.79
Chilton, Wis Circleville, Ohio	166	6,556	24.36	7,000	23, 71	17	******	6		. 3	î	1	
Cisco, Tex	7	1,063	6.58	23.83	5,83		BERRE			. 1	****		
Clarendon De	10	1,297	7.71	1,500	6,66	2	*****	1				2	***
Clarion, Pa	27	2, 164	12, 47	2,500	10.8	2	*****				1	1	***
Clarion, Pa	85	7, 924 1, 807	10.72	8,000 2,000	10.62 16	15 5	*****					****	** **
Clayton, N. J	32 21	1, 402	17.7 14.97	1,200	17.5	1	*****	-					
Cleburne Tex	84	3, 278	25, 62	7,000	12	11	*****	4	2		*****		
Clayville, Pa Cleburne, Tex Cleveland, Ohio	5, 167	261, 353	19.77	325, 000	15.89	454	1		5	117	124	71	
Clinton, Iowa	169	13, 619	12.41	23, 690	7.14	31	(84.68)		***		4	17	
Clinton, Mass	176	10, 424	16.88	11, 697	15.04 7.5	27	****		3	*****	5		
Clinton, Mo	54 23	4, 737 1, 198	11.4 19.19	7, 200 1, 198	19.19	5	****			* ****			
Clinton, Tenn Cloquet, Minn	16	2,530	6, 33	3, 200	5	1	*****						
Civde Ohio	42	2, 327	18,04	3,000	14	4	****		****				
Ciyde, Ohio Coalville, Utah	20	1,166	17.14	1,600	12.5	******							
Cobleskill, N. Y	56	1.822	30, 73	3, 443	16.26	2	****	* 2	*****	. 1	****		
Coffeyville, Kans	49	2,282		4,000 2,500	12. 25	10				2	1	00000	0 000
Cohose N V	45 493	2, 448 22, 509	18, 38 21, 89	24, 000	18 20,54		*****		2	2	4	9	
Coalville, Utah. Cobleskill, N. Y. Coffeyville, Kans. Cohasset, Mass. Cohoes, N. Y. Colchester, Conn. Colchester, Ill. Colchester, Vt.	39	2, 988		2,000 2,500	19.5	7					*****		MA NEED
Colchester, Ill	22	1,643		2,500	8.8	*****			***	7			
Colchester, Vt Colebrook, Conn	97	5, 143	18,86	5,500		9	****	. 3	****	. 7	****	* 1523	
Colebrook, Conn	10	1,098	9, 10	1,000 1,600	10 10.62	1	****		** ****			*****	
Colfax, Wash	17 21	1,671	10, 17	2, 200	9,55	5	*****	. 4		** ****			
College Point N V	99	6, 127	16, 15	6,700	14.77						. 6	****	** **
Colorado Springs, Colo	278	11, 140	24.95	18,000	15, 44	130		. 6		. 1	2	****	
Columbus Co (W.	134	17,303		f 10, 276	13.04					** ****			**
Columbus, Ga \{ W.	237			9,027	26, 25	26					. 4	*****	8
Columbus, Ind	140	6,719	20, 83 5, 37	10,000		23							
Columbus Grove, Ohio Columbus, Ohio	1,504	1, 677 88, 150	17.06	130,000	11.56			100	3	18	76		20.0
Colusa, Cal	20	1.33	14 97	2,000 2,500	10			. 2	5 5				*** **
Colton Cal	36	1,313	27.37	2,500	14.4	1 9					1	1	1
Concord, Mass	62	4, 427	14.00	5, 173	11.98							** ****	161 28
Concord, N. H. Concord, Vt.	351	17,004	20,64	19,000	18.47							* ****	
Concordia Fana	20	1, 42 3, 18	14.13	3,000	11.11	1 3			3		1		1
Concordia, Kans Conneaut, Ohio	58	3, 18	17.89		11.00	5 2		. 1	3	1			
Connelsville. Pa	139	5, 629	23,09	6,500	21.39			. 1	5		(1 :	2
Conshohocken Pa	73	5, 476	13.34	6,500	11.2	3 1	l						3
Corder, Mo	9	1.14	7.86	700	12.8			** ***					2
Corinth, N. Y	54	1, 22	44.29	2,000	27	1	2		3	*** ****		** ***	
Corinth Vt	14	1,02	13.67	1,000	14	******	** ****				R+ KRES		
Corning, Iowa	14		8, 26		0 6.0	9 1	3		1				

^{*}One death reported from typhus fever.

		880.	of the 1890.		of the		1	Deat	hs fi	rom-			
Cities or towns.	Total deaths from all causes.	Population, U. S. Census of 1890.	Annual mortality per 1,000 o population, U. S. Census, D	Estimated population.	Annual mortality per 1,000 o estimated population.	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria.	Membranous croup.	1171.
Corry, Pa Cortland, N. Y Coshocton, O Cottage City, Mass	58	5, 679	9.86	7,000 10,500	8.29	6		1	-***		3	2	**
Cortland, N. Y	147	8,590	17.11 20.48	5,000	13, 33	22 12	*****	4 2	3		2 3	3	**
Cottoge City Mass	74 17	3, 672 1, 080	15.74	1,037	16.39	2	*****	-		******	63		-
Council Bluffs, Iowa	267	21, 474	12, 43	28.000	9,53	24				6	3	18	
Coventry, Conn	39	1,875	20, 80	1,700	22.94	4	*****		*****			*****	**
Covington, Ind	10	1,891	5.28	3,000	3.33	28	180688-1				00	10	**
Covington, Ky	737	37, 371 1, 067	19, 72 30, 92	50,000 2,100	14.54 15.71	4	2	Ä	0	1		13	
Coxsackie N. Y.	88	1,611	54, 62	3, 824	23, 01	11		5	*****	*****	*****		
Crawfordsville, Ind	77	6,089	12.64	8,000	9.62	10				*****			١.,
Pressona, Pa Preston, Iowa Prystal, Minn Prystal City, Mo	23	1,481	15, 59	1,500	15.33	*********	*****	*****	*****	******	*****	*****	
reston, Iowa	80	7, 200 1, 074	11.11 74.49	8,000	10	8	******	1	*****	-	.0	****	
rystal City. Mo	23	1, 104	12.77	1 800	12.8	4	****		******	*****	*****	*****	
	10	1,114	8.97	1,200	8, 33	4	****	** ***	*****	*****	*****		
ullman, Ala	17	1,017	13, 27	1,000	17	1	*****	2			*****	2	
umberland, Wis	16 39	1, 219 2, 614	13.12 15.60	1,400 3,500	11.43	4	*****	1	*****	******	1	****	1
vnthiana Ky	43	3,016	14. 25	4,000	10.75	8	*****	6	*****			*****	
Dallas, Oreg	38	3,029	12, 66	4,000	9,5	6	*****		****	*****	****	****	1
ullman, Ala	14	1,012	13, 83	1,012	13, 83								
Danbury, Conn	344	16, 552	20.78	20,000	17. 20 30. 94	34	*****	10	*****	1	8	4	
Danvers, Mass	* 229	7, 454 1, 569	30, 94 24, 21	7, 454 3, 000	12.66	2	*****	1	****		-	*****	1
Panville, Vt	16	1,784	8, 97	1,850	8, 64								
Darien, Conn	39	2, 276	17.56	2, 400 3, 107	16, 25	4	*****	1	*****	*****	****	****	
Dartmouth, Mass	62	3, 122	19,85	3, 107	20	3	******	****	*****	****	2	****	
Dartmouth, Mass Dawson, Ga Dayton, Wash	25 15	2, 284 1, 880	10.94	3,000 1,800	8.33 8.33	*******	*****	*****	****	******		*****	1
Decatur Ala	107	2,765		7, 136	14.99	3		2	3	*****	****	4	
Decatur, Ala Decatur, Mich	10	1, 109	9.11	1.3(4)	7.69	2	*****	1		*****		*****	
Decatur, Tex	6	1,746 7,123	3,53	2,000	3	******		-			****	****	
Jedham Mas	145	7, 123	20.38	7, 21×	20,08	12	****	*****		*****		4	•
Deepwater, Mo	12 59	1, 102 2, 910	10, 89 20, 26	1,800 3,007	6,66	5	*****	1	****		1	4	
Deepwater, Mo Deerfield, Mass Deering, Me	114	5, 353	21, 29	6, 400	17.81	9	*****	2	10000	. 1	3		
leer Isle Me	34	2 499	0.03	3,500	9.71	1	*****	1	*****	. 1	3		
Defiance, Ohio	101	7,694	13, 12	12,000	8.42	*******				****			
Defiance, Ohio De Graff, Ohio Delavan, Ill	17 22	1,076 1,176	15, 80 18, 80	1,300 2,000	13.07	2						****	*
	16	2, 038	7.85	2, 232	7.17	3							
Delaware, Ohio Delhi, N. Y Delphi, Ind	131	8, 224	15, 93	10,000	13, 1	29		. 8		. 1	3	2	
Delhi, N. Y	50	1,564	31 96	3,000	16.66	2	****	-	1				٠
Delphi, Ind	92	1,923		22,000 4,500	4.18 13,33	16	****		00000	. 1	1	1	
Delphos, Ohio Deming, N. Mex Dennis, Mass	60 13	4, 516 1, 136		1, 400	9 28	3			2		. 2	1	
Dennis, Mass	56	2, 899	19.31	2,545	22	4		1	****		. 3	****	
	1,626	106,713	15, 23	145,000	11.21	309		. 43	****	. 105	40	1	
Depere, Wis,	50 28	3, 625	13, 79 18, 30	4,000 2,500	12.5	10	1	1		. 1	1	2	
Derby Conn	101	1,530 5,969	16, 92	2, 300	11.2	. 5	****		ARRES	* ****	4	1	100
Derby, Vt	45	2, 900	15,52	3,000	15	4				5		. 1	
Denver, Colo	17	1 968	8 64	3,000	5, 66								**
Detroit, Minn Dexter, Me	12	1,510	7.94	3,000	4	7	****		***				
Diekaen De	51 37	2, 732 3, 110	10.00	3, 200 3, 500	15.94 10.57	1	****	. 4	***				**
Dighton, Mass	31	1, 889		1, 797		5							
Dixon, Ill	105	5, 161	20, 34	7,051	14.89	2	*****				. 12	2 2	2
Dobbs Ferry, N. Y	50	2,083	3 24	2,500	20	1	****				. 2	2	!
Dighton, Mass Dixon, Ill Dobbs Ferry, N. Y Dodge City, Kans Dodgeville, Wis Dorset, Vt Dover, Me	20	1 763	111 34	2,000	10	1	*****		****	. 1	*****		**
Dogeville, Wis	39 16	1, 722 1, 696	22.65 9.43	2, 200 1, 700	17.73 9.41	0	*****	3	*****	2			**
Porset, V L	28	1, 696		2, 200	14.53		*****		*****		10000		

^{*}Includes 118 deaths in lunatic asylum.

1.

Whooping cough.

		98	of the 1890.		of the			Des	ths	from	-		
Cities or towns	Total deaths from all causes.	Population, U. S. Census of 1890	Annual mortality per 1,000 o population, U. S. Census, 1	Estimated population.	Annual mortality per 1,000 estimated population.	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria.	Membranous croup.	Whooping cough.
Dover, N. H Douglass, Mass	213 56	12,790 1,908	17.04	13,000	16, 39	22				*****	1	1	1
Downingtown, Pa	49	1,920	29, 35 25, 52	2,035 2,000	27, 47 24, 5	4		2			7	8	
Doylestown, Ohio Doylestown, Pa	8 59	1, 131 2, 519	7.07	1, 306 3, 000	6, 12 19, 66	2 5		1	****		2	*****	641
Dracut, Mass	33 481	1,996	16.53	**********		******	*****		*****	19831		****	15.43
Dubuque, Iowa Dudley, Mass	481	30, 311 2, 944	15, 86 13, 58	40,000 3,201	12.03 12.48	63	*****	11	****	1	11	16	3
Dudley, Mass Duluth, Minn	634	33, 115	19.14	60,000	10,56	45			2	6	7	1	5
Dundee, N. Y	24 149	1, 200 9, 416	20,09	1, 200 10, 040	20	5	*****				13	1	** ***
Dunmore, Pa	165 50	8,315	19.84	10,000	16.5	3	******	5	*****		2	4	17331
		5, 485 1, 908	9.11 20.96	6,000 1,950	8,33	8 2	*****	2	*****		I		****
Earleville, Ill East Aurora, N. Y East Brady, Pa	20 72	1,058 1,582	18,90 45,51	1,200 4,000	16,66 18	1		- 1	+481	****	*****		
East Brady, Pa	19	1, 228	15, 47	1,500	12, 11		*****			heren-			
East Bridgewater, Mass East Dundee, Ill	* 16	2, 911 1, 150	20, 61 13, 91	3,000 1,336	20 11.97	5	*****	2	*****	1	****		
Easthampton, Mass		4, 395	*******			10	*****	1	3	*****	****		4
East Hartford, Conn East Las Vegas, N. Mex	95 35	4 455	21, 42 15, 13	5,000 3,100	19 11.29	8 21		2	*****	1	2	3	-
East Livermore, Me	21	2, 312 1, 506	13, 94	1,600	13. 13	6	*****	*****	*****	******	*****	*****	
East Liverpool, Ohio East Lyme, Conn	148	10,956 2,048	13,50	15,000 2,048	9,86	12	*****	9	*****	1	2	2	43 550
East Palestine Ohio	12	1,816	6.61	2,000	6	2	*****		*****	*****		*****	
East St. Louis, III East Syracuse, N Y East Tawas, Mich	76 298	4, 908 15, 169	15, 46	5,000 28,000	15.2 10.64								
East Syracuse, N Y	31	2, 231 2, 200	13.89	3,000	10, 33	19 6 4	*****		******		. 0	50	
East Stroudsburg, Pa	30 24	1, 819	13, 63 13, 19	2,200 2,000	13.63 12	4		2		*****	****	*****	1
Ebensburg, Pa	9 -	1, 202	7.48	1,500	6	2		2	*****	*****	*****	*****	****
Edgar, Nebr Edgartown, Mass	12 23	1, 105 1, 156	10, 86	1,500 1,125	20,44	2	*****	*****		*****	1	*****	
Edinburg, Ind Egg Harbor, N. J	20	2,031	9.84	2. (88)	10	*********	******	******	*****	*****	******	*****	***
Elgin, Ill	23 267	1, 439	15.98 14.98	1,557	14.77 12.13		SECTION 1		152565	*****	12000		
Elgin, Ill Eliot, Me Elizabethtown, Pa	17	17, 823 1, 463	11.62	22,000 1,500	11.33	********	*****						
Elkton, Md	40 56	1,218 2,318	32, 84 24, 15	2,000 2,800	20	10	*****	4	*****	3	12	******	****
Ellenville, N. Y	52	2.881	14.58	4,000	13	7		- 4			5	******	****
Elkton, Md Elkton, Md Elenville, N. Y El Paso, Ill El Paso, Tex Elwood, Ind	18 230	1, 353 10, 338	13, 30 22, 24	1,800 10,000	10 23	*******	*****	1	3	1 9	3 5	1	
		2, 284			*******		*****	6			13	2	****
Emporia, Kans. Emporium, Pa Enfield, N. H. Epping, N. H. Essex, Conn.	127	1, 126 7, 551	16, 83	1,200 12,000	10,59	10	*****	- 22	*****		- 1	11	****
Emporium, Pa	31 27	2, 147	14,39	2.500	12 40	2	*****		*****	*****		*****	1
Epping, N. H	42	1, 469 1, 721	18.38 24.40	1,600 1,500	16.87 28	1	*****		****	1	*****	*****	- 8/4 %
Essex, Conn Essex, Mass	34 35	2,035	16, 71 20, 43	2,000 1,600	17 21,87	2 3			*****	*****	******	*****	X
Essexville, Mich	15	1,545	9.73	1,900	7.89	2	******	9	*****	*****	1	KX4KE+	3
Estherville, Iowa Eureka, Cal	73	1, 475 4, 858	15.02	2,600 8,000	*******	3	*****	4	*****	1	****	*****	
Eureka, III	ii	1,481	7.42	1,800	9.12 6.11	17		*****	******	1	*****	*****	****
Eureka, Nev Evansville, Wis	37	1,609 1,523	24. 29	1,000 2,000	18.5								
Evansville, Wis Everett, Mass	276	11,068	24.93	18,756	14.71	28	****	5	******	8	13	(8884)	****
Evergreen, Ala Exeter, N. H Fairbury, Nebr	26 122	1,783	11.21 28.47	2,500 4,800	8 25, 41								
Fairbury, Nebr	17	4, 284 2 630	6.46	4,000	4.25								
Fairchance, Pa	12 20	1,092 1,523	10, 98 13, 13	1,200 $1,800$	10 11.11	2 3	*****	1	****	*****	5		****
Fairfax, Vt Fairfield, Conn	75	3,868	19, 39	3,900	19.23	6	******	******	*****	1	3	*****	
Fairfield, Iowa	39	3, 391	11.50		9.28	7	*****	2	1	******			

^{*}Two deaths from typhus.

		990.	r the		of the		1	Deat	hs fr	om-	-		
Cities or towns.	Total deaths from all causes.	Population, U. S. Census of 1890.	Annual mortality per 1,000 of the population, U. S. Census, 1890.	Estimated population.	Annual mortality per 1,000 o estimated population.	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria.	Membranous croup.	Whooning cough.
Fairfield, Me	87	3,510 1,825 2,919	24.78							*****	2		***
Fairfield, Me. Fairfield, Vt. Fairhaven, Mass Fairhaven, Wash Fairhaven, Wash Fairmont, Minn Fairmont, Minn Fairmont, Nebr. Fairport, N. Y. Falls City, Nebr. Fall River, Mass. Farmington, Me. Farmington, Me. Farmington, N. H. Far Rockaway, N. Y. Fayetteville, N. Y. Fayetteville, Tenn Ferrisburg, Vt. Findlay, Ohio Fitchburg, Mass. Fitzwilliam, N. H. Flemingsburg, Ky. Flint, Mich. Florence, Ala. Florence, Ala. Florence, S. C. Flushing, N. Y. Fort Dodge, Iowa. Fort Kent, Me. Fort Lee, N. J. Fort Payne, Ala. Fort Plain, N. Y. Fort Pyne, Ala. Fort Plain, N. Y. Fort Wyne, Ind. Frankfort, Ind.	2	1,825	1.09	1,850 3,338	1.08	3	*****			*****	*****	*****	***
Fairhaven, Mass	49	4,076	16.78	2, 200	14.67 3.18					*****			***
Fairmount Ind	34	1, 462	1.71 23.25	3,000	11.33	2	*****	1	*****	1	2		
Fairmont, Minn	17	1,205	14.11	2,200 1,200	7.73		*****	1	*** **	*****	*****	*****	
Fairmont, Nebr	9	1,029	8.74	3, 900	7.5	2	*****	1	*****	*****	*****	*****	K6 7
Fairport, N. Y	*********	2,552 2,102	0.0000000	4,000	********	-	*****		******	******	1	1	
Fall River Mass	1,902	74, 398	25, 56	89, 303	21, 29	154		30	1	29	27	12	1
Farmington, Me	41	3, 207	12.78	3, 207	12.78	2		2			1		
Farmington, N. H	57	3,064	18,60	3,000	19	1	*****	*****	*****			86688	6 22.
Far Rockaway, N. Y	39	2, 288 1, 410	17.04 22.69	1,400	13 22.85	4 2		1			1		
Favetteville, N. Y	94	2, 410	39.04	3, 5(9)	26, 85	2		4					
Perrisburg. Vt	25	1,501	16, 65	$\frac{2,000}{20,000}$	12,50	4		2	*****		EXEKT		x (0)
indlay, Ohio	165	18,553 22,037	8, 89	20,000	8.25	33	*****	6			1	2 4	-
itchburg, Mass	403	22, 037	17.98 16.93	26, 409 1, 150	15. 26 16, 52	42	*****	8	*****		-		
lemingshung K.	19 27	1, 122 1, 172	23.04	2,000	13, 50	3	*****	1	*****	1			
lint Mich	133	9,803	13.56	10.045	13, 24	18	*****	3	*****	****	*****	****	
lorence, Ala	30	6,012	4.99	7,000	4.28	5		15	5			****	
florence, N. J	29	1,340	21.64	1.762	16, 45 6, 19	6	*****	*****	*****	*****	7	****	*
florence, S. C	34 192	3, 395 8, 436	19, 01 22, 76	5,500 11,000	17.45	28		6		1	10	3	* 10
Fort Dodge Lowe	85	4, 871	17. 45	9, 000	9, 44	5	*****	1			2	3	
ort Kent. Me	51	1.826	27.93	2,200	23, 18	3				****			18
Fort Lee, N. J	31	1, 253	24.74	1,670	18, 56	2	****			****			
Fort Payne, Ala	20	2,698	7.41	1, 275 3, 000	15.68	5	*****	2		*****	. 1	1	1
Fort Plain, N. Y	196	2,864 11,311	15, 36 17, 32	14,000	14.66 14	20	*****	1 -	*****	. 3	2	****	2
Fort Wayne Ind	190	35, 393		45,000 35,000								9	1
Fort Worth, Tex	395	23.076	17.11	35,000		29	1	6	2	1 1	4	4	
Postoria, Ohio	61	7,070 1,285	8,62	9,000	6,66	7	****	4	****	1	1	6	
Fowler, Ind	9	1, 285 2, 520	7 00	1,800 2,800	5 15, 34	1	****	1	*****	*****	* *****	6	1
Frackville, Pa	114	5, 919		9 000	19 64	13	*****	6	1		1	6	
Frankfort, Ind	10	1 175	8 51	1,500	6,66	2	****						
rankfort, N. Y	77	2, 291 3, 781 2, 324	33.61	3 (100)	95 66	1	****				. 1		**
Franklin, Ind	64	3, 781	16, 92	4,000	16	8	****			*****	* ****		**
Franklin, Ky	23 24	2, 324 1, 264	9.85 18.98	11,000	19. 26	5	****	1	1		* ****	****	**
Franklin, Me	84	4, 085	20,56	1, 250 5, 135	16.35	7	****	. 1		2			
Franklin, Ohio	84 33	2,729	12.09	3,200	10, 31	8			****		. 2		
Franklinville, N. Y	22	1.021	21, 55	2,000 3,500	11	*******			*****				
Fredonia, N. Y	57	3, 399	16.77	3, 500	16. 29 13. 94	10					4	. 1	1
Freehold, N. J	53 290	2, 932 10, 189	18.07 28.46	15, 000	19.83		*****		2	4			1
Freeport, Me	47	2, 482	18,93	2,500 1,400	18.8	3							
Fremont, Mich	4	1,097	3,64	1,400	2.85								** 1
Fremont, Nebr	65	6,747	9.63	8,500 3,500	7.65	10					****	* ***	**
Frenchville, Me	13	2,560 1,418	5.08 3 23.27	1,400	23, 33	4		-	*****			****	** *
Gadsden Ala	61	2, 901		4,000	15, 25	7		. 2	1			. 9	3 .
Towler, Ind Prackville, Pa Prankfort, Ind Prankfort, Mich Pranklin, Ind Pranklin, Ind Pranklin, Me Pranklin, Me Pranklin, N. H Pranklin, Ohio Pranklin, Ohio Pranklin, N. H Pranklin, Ohio Pranklin, We Predonia, N. Y Prechold, N. J Freeport, Ill Freemont, Mich Fremont, Nebr Fremont, Nebr Fremont, Me Gadsden, Ala Galesburg, Ill Galesburg, Ill	250	15, 264	12.19	20, 500	12 12	33		. 10			3		**
Galesburg, Ill	21	2, 392 6, 326	8.77	2,000 7,000	10.5	2 7		1			. 2		
Galion, Ohio	80		12.64	7, 000 5, 000	11.43	14			****		2		,
Gallipolis, Ohio	62 59	4, 498	3 13.78 9 24.49	3,000	12.4								**
Garden City Kans	39	2, 409 1, 490	26.17	4,000	9.75								**
Gardner, Ill	6	1.09	5, 48	1,000	6.				3	1			
Gardner, Mass	191	8, 424 2, 194	1 22.67 1 17.32	10,000	19.1	24					****	***	***
Geneva, Ohio	38	2, 194 1, 283	1 17.32 2 12.48	2, 800 1, 295	13.57				** ****			*****	**
Gallitzen, Pa Galion, Ohio Gallipolis, Ohio Galva, Ill Garden City, Kans Gardner, Ill Gardner, Mass Geneva, Ohio Georgia, Vt Georgetown, Tex Germantown, Ohio Gibson, Ill	16 10	2, 445		3,500	2.85	i							1
Germantown, Ohio	14	1, 43		2,000	7								
Gibson, Ill	36	1,800		2,000	18	4		1	0300	. 1			

		98	of the 1880,		of the		1	Deat	hs fr	rom-	_		
Cities or towns.	Total deaths from all causes.	Population, U. S. Census of 1890.	Annual mortality per 1,000 c population, U. S. Census, 1	Estimated population.	Annual mortality per 1,000 of estimated population.	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Mensles.	Scarlet fever.	Diphtherla.	Membranous croup.	Whooning cough
ilberton, Pa	46	3, 687	12.47	4,500	10, 22	******	*****	1	****		1	2	
ilford, N. H	18	3, 585	5,02	,800	22.5	********		*****		******	*****	****	
ilman, III	15 21	1, 112	13, 49	1,300	11.54 18.16			3					
ilmanton, N. H	20	1,524	13, 12	2,000	10	5		3	******				
lastonbury, Conn	45	3, 457	13.04	3, 600	12.5							1	-
lendale, Unio	13	1,444	9	1, 447	8,98				*****	6	1 22	12	
loucester, Mass	423 203	24, 651 13, 864	17, 16 14, 64	28,500 18,000	14.84 11.28	54 32		4	*****	6		3	
loversville, N. Youldsboro, Meoodland, Kans	23	1,709	13.45	1,400	16. 43	3					1		
oldsboro, N. C	79	4,017	19.66	5, 400	14.63	1		2	1	1			
oodland, Kans	.7	1,027	6, 82	1,000	7	1	****		******			*	. **
ordon, Pa	15	$\frac{1,194}{2,888}$	12.56 15.23	4,000	10	6	*****	CEARL	*****	1	2	1	77
ordon, Pa	18	1,710	10.53	1 NO.	10	i	455555	****	486881				,
ratton, N. Dak	11	1,594	6.9	2, 200 1, 200	5								6 33
ranby, Conn	28 31	1, 251 1, 606	22.34 19.3	2,300	23, 33 13, 48	R.				*****			100
rand Rapids, Mich	1,106	60, 278	18.34	90,000	12. 29	130				6	29	1.1	T
rand Rapids, Mich, rand Rapids, Wis ranville, Mass	23	60, 278 1, 702	14.04	2,000	11.5	4	*****	25	2	4	5	5	
ranville, Mass	16	1,061	15,08	1,000	16 13, 64	2	-65564			*****		9	
rant, Moraniteville, S. C	15 22	1, 186	12.64	1,100	11	3	*****		1	*****			
ray, Merayville, Ill	27	1,791 1,517	12.28 17.79	2,000 1,500	18						1		
rayville, Ill	**********	1,999	********	3,000	********	10	*****	2	*****		10		
reeley, Colo	43 270	2, 395 9, 069	17.95	3,500	12.28 15	5	****	6	1	4	6		
reen Castle, Ind	36	4, 390	12.99	4, 350	8, 27	4		i	*****				
reene, N. Y	63	1,067 $1,759$	59.04	5,000	12.6			1		4	1	18895	
reeley, Coloreen Bay, Wisreen Castle, Indreeue, N. Yreensboro, Alareenville, Alareenv	22 43	1,759 2,806	12.5	2,000	11 14.33	2 7							
reenville, Alareenville, Michreenville, Ohioreenville, Tenn	44	3, 656	14.39	3,000	14.66	3	*****	9		2	******		
reenville, Ohio	55	5, 473 1, 779	10,04	5,500	10	7 5	*****	3	****		28755		
reenville, Tenn	20	1,779	11.24	3,000		5	****	*****		. 2			
reenwich, N. Y	31 45	1, 663 3, 332	20,44	2,500	13.6	8	****	1	. +>++		19	2	
reenwich, N. Yrinnell, Iowariswold, Conn	97	3, 113		3,550	27.32	- 6		i	4		1		
		5, 539	15, 16	5, 539	15, 16	6							
roton, Connroton, Mass	40 11	2,057		2, 192	18.24	6	*****				. 2		**
nthrie Center Iowa	6	1,040	10,57 5,78	1,040	10,57 4,61	1							
roton, Mass. roton, Vt		6,004		8,300				. 1	****	. 1	. 1		
laddam, Conn	40	2, 695	19.1	2, 300	17, 39	3		. 2			. 3	1	
laddonfield, N. J	17 33	2, 502 1, 669		2,800 1,669		3 9	*****	. 1	*****	. 1	1		
lalstead Kans	13	1, 003	12, 14	900		3		1				. 1	
Iamilton, Ohio Iammond, Ind	359	1, 071 17, 565	20, 43	22,000	16, 32	22		13		4	. 7	1	
lammond, Ind	82 63	5, 428	15.1	12,000	6,85	5 11		. 2	2	4	25	1	
Iammonton, N. J	12	3, 833	16, 95 9, 39	4,000 1,400	16, 25 8, 57	2	*****			00000			
lanover, N. H	31	1, 817	17.06	1,800	17.20	9	40000				- 2		
lanover, Pa	72	3, 746	19, 22	4,000	18	8		. 3	****		. 1		00
lanson, Mass	23	1, 267 1, 052	18, 15	1, 325	17.35 11.66			. 2	****				
		2, 925		2.700	21.48	*******	0 0000	1	45551		. 10	1111	
lardwick, Vt	16	1,547	10,34	1, 200 2, 700 1, 700 1, 100	8, 45	2	12722						
Iardwick, Mass Iardwick, Vt Iarmony, Ind Iarpswell, Me	17	1,020	16,66	1,100	15, 45	2 2 5	****	. 1	+===	. 2	****		
larpswell, Me	22	1,766	12.45	1, 800 1, 100	1 1 1 1917	5	****					. 8	
Larrington, Me	11 50	1, 150 1, 728	9,56	3,000	16,66	2 3	19134		1838			99	5
Iarrison, Me	21	1.071	19, 61	1,000	21	2	*****						
Iarrisonburg, Va	51	2, 793	18, 26	3, 200	15, 93	******		+8+8					
Iarrisonville, Mo	3	1,643	1.82	2,500	1.2	1				. 1	1 1	113.5	
tarpswell, Me. iarrington, Me. iarrisburg, Ill. Iarrison, Me. Iarrisonburg, Va. Iarrisonville, Mo. Iartford, Conn. Iartland, Vt. Iartford, Mich.	1,033	53, 230 1, 393	19,4	1,400	17.21	101	00000	. 30		. 1	18	8	
Hartford, Mich	16	1,044		2, 400	14.55	1	31555	. 1	ST STAR				

		890.	of the 1890.		of the			Dea	the f	rom	_		
Cities or towns.	Total deaths from all causes.	Population, U. S. Census of 1890.	Annual mortality per 1,000 c population, U. S. Census, 1	Estimated population.	Annual mortality per 1,000 cestimated population.	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria.	Membranous eroup.	Whooning cough.
Hartwell, Ohio Harvard, Mass	18	1,507	11.94	1,800	10	5		*****	*****		2	****	*2 1
Harwick Mass	19 48	1,095 $2,734$	17.35 17.55	1, 160 2, 600	16.38 18.46								
Hastings Mich	30	2,972	10.09	3,500	8.57	2	*****		*****	XXXXX	1	1	56.5
Hastings, Minn	65 29	3, 705 1, 466	17 19.78	3, 800 1, 600	17.11 18.12	A	*****	2	*****	3	4	1	10.7
Hastings, Minn Hastings, N. Y Hatfield, Mass	17	1.246	13,64	1,300	13, 07	*******	*****	*****	*****	*****	******	*****	100
Hatheld, Mass. Haughville, Ind. Havana, N. Y Haverstraw, N. Y Hayward, Wis Hazleton, Pa Hebrer, Utah	66	2, 144 1, 751	30.78	4,000	16.5	9	*****	3		1	8		
Haverstraw N V	13 72	5,070	7.42	1,300 5,100	10 14, 12	3	******	9	*****	2	1	*****	***
Hayward, Wis	15	1,349	11.11 17.35	1,600	9.37	4	*****	1	*****	*****		*****	
Hazleton, Pa	205	11, 872 1, 538	17.35 13.65	15,000 1,672	13, 66 12, 56	15		7	*****	1	6	5	
Hebron, Conn Hebron, Conn Hebron, Nebr Hempstead, Tex Henderson, N. C. Henniker, N. H. Henrietta, Tex Henrietta, Tex Herington, Kans Hermon, Me Higheland Park, Ill Highea, Mo. Highland Falls, N. Y. Hillsdale, Mich Hingham, Mass Hinsdale, Ill Hinsdale, Ill Hinsdale, N. H. Hoboken, N. J. Holgate, Ohio Holland, Mich Hollis, Me.	25	1 039	24.06	1,000	25	2	******		*****		1		
febron, Nebr	11	1,502	7.32	2,000 2,500	5.5	2	*****	2			*****		
Henderson, N. C.	25 47	1,671 4,191	14.95 11.21	4 250	10	10		3	*****	*****		*****	
Henniker, N. H	13	1.385	9.35	1,350	9.63	1	*****	*****	*****	****	****	****	
Henry III	16 30	2, 100 1, 512	7.62 19.84	2,500	6.4	3							
Herington, Kans	15	1 353	11.09	2,000 1,500	10	1	******	1	*****	*****	*****	2	
Hermon, Me	25 15	1, 282	19.5	1,292	19.35	3 5	*****	1		*****	*****	9	
Highland Park, Ill	35	1,093 2,163	13,72 16,18	1, 292 1, 500 3, 500	10		*****	1	- 2	*****	12	1	***
Highland Falls, N. Y	35	2, 237	15,65	2, 400	14.5	1	*****	2	*****		1	****	***
Hillsdale, Mich	52 20	3, 915 1, 205	13, 27 16, 59	4, 200 1, 200	12, 38 16, 66	7	*****	1	*****	** **			
lingham, Mass	82	4,564	17.96		17.96	10	*****						
Hinsdale, Ill	7	1,584	4.42	2,500 1,739 2,200	2.8	1				*****	. 1	*****	. 111
Hinsdale, Mass	26 40	1,739 2,258	14, 95 18, 18	2, 200	14.95 19	4	*****	1	*****		*****	*****	1
Hoboken, N. J	1,240	43,648	22,54	22 (111)	22,55	127		13	****	38	52	39	1
Holgate, Ohio	10 60	1, 134 3, 945	8, 82	1,600	6, 25 8, 55	8	*****	2	****		9	*****	4 100
Hollis, Me	20	1,278	15. 18 15. 65	1,600 7,000 1,500	13, 33	1	*****	0	*****	*****	3	****	***
101118, N. H	14	1,000	14	1,200	11,66	1	*****			****		****	
Holliston, Mass	60 78	2,619 1,828	22,53 $42,67$	3, 300 4, 000	18, 18 19, 5	3	* * * * * * *	******	33	. 5	5	2	ex
Hopedale, Mass	15	1,176	12, 75	1.200	12.5	1	*****	*****	*****	*****			x 100
Holliston, Mass. Honey Grove, Tex Hopedale, Mass Hopkinton, N. H. Hoquaim, Wash Hornellsville, N. Y. Horseheads, N. Y. Hot Springs, S. Dak Houston, Tex Howard, Mich Howard, Mich Howlell, Mich Hubbardston, Mass.	25 9	1,817 1,302	13, 75 6, 14	1,817	13,75		******	1	*****	*****	1		,
Hornellsville, N. Y	144	10, 996	13.09	1,800 12,000	12	10		4	*****		2	1	58
Horseheads, N. Y	23	1,716	13.4	*********		. 6							
Houston Tex	* 793	1, 423 27, 557	10,54 $28,77$	1,600 70,000	9.37 11.33	61		11	18	*****	1	5	* **
Howard, Mich	18	27,557 1,137	15, 83	1,500 2,800	12	1		2	*****				
Howell, Mich	20 25	2, 387 1, 346	8.38 18.57	2,800 1,284	7.14 19.47	5	*****	2	*****	*****	. 2	****	
Hubbardston, Mass Hudson, N. Y Humboldt, Iowa	175	9,970	17.55	10,000	17.5	22	******	3		*****	2 3	1	* ***
Humboldt, Iowa	14	1,075	10.77	1.300	13		* *****					4	**
Humboldt, Nebr	33	1, 114 3, 167	10. 42	1,300 3,300	10	. 3	*****	2	*****	* *>***	2	1	*
Huntington, Conn	61	4,006	15, 22	5, 200	11.73	1	*****			. 1		. 1	
Huntington, Ind	85 108	7, 328 3, 028	11.59 35.66	10,500 8,400	8, 09 12, 85	10		3		* ****	. 5	****	
Humboldt, Nebr. Huntingburg, Ind. Huntington, Conn. Huntington, Ind. Huntington, N. Y. Hutchinson, Kans. Hyde Park, Mass. Hyde Park, Vt. Indianapolis, Ind. Indianapolis, Ind. Indianola, Iowa. Ionia, Mich.	108	8,682	9.21	8,600	9.3	6		2	*****		. 3		
Hyde Park, Mass	203	10, 193	19, 91	11,828	17.16	17	******	1	****	. 2	6	1	
ndianapolis Ind.	25 2, 237	1,633	15, 31 21, 12	1,600 155,632	15, 62 14, 37	294	"1"	122	8	9	114	20	× **
ndianola, Iowa	8	1,653 105,436 2,254 4,482 7,016	21, 12 3, 55	3, 200	2.5								× ×
onia, Mich		4, 482	11.13	5, 000 8, 000	10	7 9		1					
Ionia, Mich	117 82		16,66 18,43	8,000 4,720	14.62 17.37	9	******	3	*****		4	1	
Ironton, Ohio	203	10,939	18,55	10, 939	18, 55	*******		*****		. 8	23	8	
Ishpeming, Mich	135	11, 197	12,05	12,000	11.25	13	*****	1	****				

^{*} Includes 1 death from typhus fever.

		8	of the 1890.		of the		1	Deat	hs fi	rom-	-		
Cities or towns.	Total deaths from all causes.	Population, U.S. Census of 1890.	Annual mortality per 1,000 o population, U. S. Census, B	Estimated population.	Annual mortality per 1,000 c estimated population.	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria.	Membranous croup.	Whooping cough.
thaca, Mich	15	1, 627	9.21	2,500	6	3 2				*****	*****		
uka, Miss	330	1,019 20,798	7.85 15,86	1,000 30,000	8	30	*****	2	*****		9	5	***
ackson, Michackson, Ohio	74	4, 320	17.18	6,000	12.33	********		4	*****	2	****		80.87
acksonville, Ala	13 31	1, 237	10.51 21.1	1,300 1,500	10 20.66	5		1	*****	*****	*****	1	***
ackson, Onlo	14	1, 281	10.93	1,800	7.99	2	188858	- 1					
ay County, Ind	160			25, 000	6.4	25	-	19	*****	1 2	4	2	***
canette, Pa	78 30	3, 296 1, 875	23, 65 10, 66	7,000 2,500	11.14	1			*****	2	9	*****	***
efferson, Me	19	1.391	13.66	1, 350	14.07	î			*****	100000	*****	*****	***
efferson, lowaefferson, Meefferson, N. H	17	1,062	16.01	1, 200	14.16 7.13	4	*****	-	3	3	2	3	***
effersonville, Ind enkintown, Pa	107	10,666	10.03	15,000 2,000	10.5	12	******			3			24.4
ericho, Vt	23	1, 461	15, 74	1,700	13, 53	3				1	2	2	
ericho, Vt. ermyn, Pa. ersey City, N. J. ohnsonberg, Pa. ohnstown, Pa.	47	2,650	17.73 26.53	3,000	15, 66	4	****	1	1	54	108	2	
obpsonberg Pa	4, 325	163,003 1,280	26, 53 21, 09	182,713 2,500	23, 67 14, 8	495	****	4	2	9	5		i
ohnstown, Pa	348	21, 805	15, 96	26,000	13, 38	27	*****	16	2 2	11	3	5	
	214	21, 805 9, 778	21.88	12,000	17.83	10	*****		. 2	6	29	5	MX.A
onesport, Meonesville, Mich	18	1,917	9, 39	1,917	9,39	2			*****			*****	***
ordan, Minn,	20	1, 288 1, 233	16.22	1,300 1,500	13,33	2	******		*****	*****			***
ordan, Minnordan, N. Y	20	1 971	15, 73	1,500	13, 33 12, 35	3 21			*****	2	7	2	
	284	17, 853 1, 161	15.9 13.77	23,000 1,300	12.35	9	0000+		****			-	
Cankauna, Wis	70	4, 667	14.99	6,500	10, 76	18	*****	4	5	8	25		* ***
Cearney, Nebr	54	8,074	6.67	6,000	9 15, 75	10	*****	1	1		3	2	***
Ceene, N. H	126 25	7, 446 1, 937	13.44 12.9	8,000 2,300	10, 42	15	*****	-	3813				
Cennett Square, Pa	30	1, 326	22.62	1,500	20			2		4	3	***	
enosha, Wis	71	6, 532	10, 87	10,000	7.1	*******	* ******		*****	*****	. 3	*****	
Kent, Conn Kent, Ohio	* 55	1, 383 3, 501	10, 23 12, 85	1,400 4,000	10 13, 75	3	*****	9	XXXXX	1	î	1	80.0
čeokuk Iowa	- 35	14, 101	14.00	18, 100		. 23		4	*****				
Kewaunee, Ill	126	4,569	27.57	8,000	15.77	8	******	2	****		. 8	3	
lingman, Kans	43	2, 390 1, 659		10,000	4.3 17.18	3	*****	0	****	* *****			**
Cingston, Mass	26	1, 120	23.26	1,746 1,200	21.66	1				1			
ingston, Pa	66.	2,381	27, 46	3,000	99	*****	* ****			. 1	15	****	× ×9.
Cirkwood, Mo	12 23	1,777	6,75	2,000 2,000		4	*****	. 3			1	- ****	
Cnoxville, Pa	10	1,723	5.8	1,000	10								
Cnoxville, Pa	489	22, 535	21.7	42,704	11.44	77	****	. 10	- 6	*****	. 1		0.0
Cutztown, Paaconia, N. H	19 143	1,595 6,143	11.91 23.27	1,500 12,000	12.66 11.91	6	-6846	3		* ****	. 3	1	10.00
agrange County, Ind	145			15,000	9,66	11	*****	. 9		. 2	1	****	
ajunta, Colo	20	1, 439	13, 89	3,000	6.66	3		. 2	1000	- 1		. 1	
ake, Iowa	10 32	1, 160 2, 128	8, 62	2, 030 2, 650		6	*****	0 31949		****			
ake Geneva, Wis	59	2, 297	25, 68	2,500	23.6	*******					. 15		** ×*
ajunta, Colo	19	1, 862	10 2	3,000	6.33	********							
ancaster N H	15 33	1, 024 3, 373	14.65 9.75	1, 200 3, 600	9.17	4			****	****	. 2		
ancaster, Pa	693	32,011	21.64	38, 104	18, 18	43		4.2	***	2	54	14	
ancaster, Wis	10	1,543	6.48	2,700	4	2	****						** **
		1,018		850 1,600	27.05 13.75	1 3			****	****		* ****	K-1 10
ansing, Iowa ansing, Michapeer, Mich	163	13, 102	12.51	15, 847	10 98	90		. 6			. 1	****	** **
apeer, Mich	27 50	13, 102 2, 753	9, 81	3,500	7.71	3		. 3	***	4	. 3	****	
aplata. Mo	107	1, 160	42,77	1,800	27. 22 13. 33	10	*****	. 10	3	. 1	7	2	1
Laporte, Ind Lasalle, Ill	160	7, 126 9, 855	16.2	8,000 10,750	14, 88	14		. 3			3	****	25 0
atrobe, Pa	53	3, 589	14.76	4,000	13, 25	4	****	1	***		. 5	****	** 81
Laurens, S. C	10	2, 245 9, 997	17.4	3,500 11,000				7		. 2	20	10	** **

^{*} Includes 1 death from typhus fever.

		90	of the 1890.		of the			Den	ths f	rom	_		
Cities or towns.	Total deaths from all causes.	Population, U.S. Census of 1890	Annual mortality per 1,000 o population, U.S. Census, 18	Estimated population.	Annual mortality per 1,000 o	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria.	Membranous croup.	
Lawrence, Massead City, S. Dak	1,044	44,654	23, 38 12, 36	52,000 4,500	20.08	28		16	4	12	8	3	
eavenworth, Kans	314	2, 581 19, 768	15, 88	22,000	$7.11 \\ 14.27$	29		13		*****	7		
ebanon Conn	23	1,670	13.77	1,670	13.77	2						.4	
ebanon, Ind	31 16	3, 682 1, 263	8, 42 12, 67	5,000	6.2	3 2	*****	1	2	1	*****	2	
ebanon, Indebanon, Meebanon, Ohio	33	3,050	10, 82	1, 300 3, 500	9.43	8			******		2	*****	**
ebanon, Paedyard, Conn	286	14, 664	19.5	160,000	1.78	17		2	*****		2	2	
edyard, Conn	19 82	1, 183 3, 785	16.06	1,628	11.67	1		*****	*****	*****	2	*****	**
ee, Mass Leechburg, Pa Leesburg, Va. Leetonia, Ohio	31	1, 921	21, 6 6 16, 13	4,068 3,000	20, 11 10, 33	6	*****	9	******	***		1	
eesburg, Va		1,650		2,000	********	6	*****		*****	-	*****	3	
ectonia, Ohio	56 63	2,826 2,959	19.81 21.29	3,500	16 15.75	5	*****	3 5	****	*****	1	*****	
eicester, Mass	54	3, 120	17.31	4,000 3,200	16.87	1 7	*****	2	*****	1		*****	**
enox, Mass	43	2,889	15,02	2,889	15,02	7 3	*****			1	9	*****	**
ewishure Pa	79 48	2, 889 2, 743 3, 248	28.8 14.77	5,000 3,200	15,8	4 3	*****	6	1	*****	1	*****	**
exington, Mass	42	3, 197	13, 13	3,500	15 12	5	*****	2	******	*****	******	******	-
exington, Mo	51	4, 557	11.24	6,000	8.5	7	*****	2 7	*****		1		
igenier Ind	40 16	1,314 2,195	30.44	6, 979 2, 200	5, 86	14	****	7	*****	6	*****	1	**
ima, N. Y	12	1,003	7.29 11.96	1,000	7.27 12	1	*****	*****	*****	*****	*****	*****	
igonier, Indima, N. Y	*193	15, 981 55, 154	12.07	20,000	9.65	18	*****	6	*****	3	1	4	1
incoln, Nebr	336	55, 154	6.09	50,000	6, 72	5		24		3	12	4	
lima, Ohioincoln, Nebrisbon, Meitchfield, Meittleton, Massittleton, N. Hisbon, Iowaittlonia, Ga	58 22	3, 120 1, 126	18, 59 19, 45	3,500 1,126	16, 57 19, 45	8	****	*****	1	2	1	*****	
ittleton, Mass	18	1,025	17.56	1, 136	15, 85	3	*****	*****	*****	*****	*****		
ittleton, N. H	54	3, 356	16,04	4,000	13.5	4		1	*****			1	
ithonia Ga	13 25	1, 079 1, 182	12.05 21.15	1, 100 1, 500	11.81 16.66	******	*****	3	21	*****	1	3	
ithonia, Gaimingtone, Me	16	1, 092	14.65	1. (XX)	16	2			21	******		9	J.
ockland, Ohio	48	2,474	19.4	3,000	16	4		1			3	*****	
ockland, Ohioockport, N. Yodi, Cal	231 12	16,038	14.43 11.84	18,000	12.83 10	20	*****	7	4	1	3	1	
ogan Ohio	34	1, 013 3, 119	10.9	1, 200 3, 450	9, 85	5	*****				*****	*****	
ondonderry, N. H	22	1, 220	18.03	531	41, 43	3	*****		*****	*****	*****		
ondonderry, Vt	18 22	1,010 1,000	18, 02 22	1, 154 1, 000	15,58 22	1	*****	*****	****	1	*****	*****	
oudonville, Ohio	24	1, 444	16, 62	1,500	16	6		*****	******	*****	******	******	
ong Branch, N. J	110	7, 231 30, 506	15. 35	10,000	11							****	
orain Ohio	917 194	30, 506 4, 863	30, 05	50,000 11,000	18.34 17.63	80 17	******	14	12	3	47	*****	1
os Angeles, Cal	1, 181	50, 395	23, 43	79, 690	14.82	185	*****	31	2	7 2 6	22	5	1
ouisville, Ky	3, 369	161, 129	20.9	211,000	15.96	420	1	126	2 7 1	6	84		ł
ness lows	1,857	77, 696 1, 320	23, 9 4, 55	84, 359 800	22,01 7.5	185		33	1	4	53		-
udlow, Ky	50	2,469	20, 25	3,500	16		*****	1	******		4	2	1
udlow, Vt	29	1,768	16.4	2,000	14.5	8 7 2	*****				*****		
unenberg, Vt	17 26	1,019	16.68 17.72	1,018 1,900	16, 69 13, 68	2 2	*****	1 6	*****	*****	2	1	
ynchburg, Va	399	1,466 19,709	20, 23	30,000	13.3	66	*****	19	2	*****	2	*****	1
ynn, Mass	1,086	55, 727	19.48	63,000	17.24	122	*****	13		26	42	*****	
yons, Kans	59	55, 727 1, 754 1, 771	33, 63	14, 500 2, 000	4.07 7.5	8	*****	8			1	*****	
ook port, N. Y. oodi, Cal. oogan Ohio oondonderry, N. H. ooudon, N. H. ooudon, N. H. ooudon N. H. ooudon N. H. ooudon N. H. ooudon N. J. oorain, Ohio oos Angeles, Cal. oousville, Ky. owell, Mass. outs, Iowa. outlow, Ky. adlow, Vt. unenberg,	15 14	1,771 2,346	8, 41 5, 96	2,000 2,500	7.5 5.6	4	*****	*****	*****	*****	5	2	
fcGregor, Iowa	16	1, 160	13.79	1,600	10			1	*****	*****		-	1
cKeesport, Pa	403	20,741	19.43	28,000	14.39	7		29	1	2	1	4	
Ickinney, Tex	†41	2, 489	16 .47	5,000	8.2	8	*****	6	2			2	
AcConnellsville, Ohio AcCook, Nebr AcGregor, Iowa AcKeesport, Pa AcKinney, Tex AcMinnville, Tenn Aachiasport, Me Aacon, Ga AcPherson Co., Kans Addison Conn	24 28	1,677 1,437	14.31 19.48	2,000 1,427	12 19,62	4	*****		2	*****	*****	*****	
Iacon, Ga	506	1, 437 22, 746	22.24	28,000	18,07	14	*****	*****	9			*****	
IcPherson Co., Kans Iadison, Conn	100	1,429	********	20, 263 1, 500	4.93	2				*****			

^{*} Eight months ended January 1, 1896.

[†] One death from typhus fever.

1		1890.	of the 1890.		of the		1	Deat	hs f	rom-	-		
Cities or towns.	Total deaths from all causes.	Population, U. S. Census of 1	Annual mortality per 1,000 o population, U. S. Census, 1	Estimated population.	Annual mortality per 1,000 c	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria.	Membranous croup.	Whooping cough.
ladison, Me	42	1,815	23, 14	2,000 17,000 3,500	21	6 23			2	1	1	2	
ladison, Wis	176 79	13, 426 2, 212 2, 214	13.1 35.71	3,500	10.35 22.57	9	*****	4	2	A	2	-	
iadisonville, Ohio	23	2, 214	10.39	3,000	7.66 3.2	5	*****		*****				***
lagnolia, Ark	8	1,486 $23,031$	5, 37	2,500	3, 2 15, 36	70		7		11	17	1 3	
	507	1.520	1.97	33,000 1,600	1.87	40		2	*****	4.4	17	1	
laivern, Ark	39	1,205	32, 36	2,500 1,900	15, 6	1		1				- 22	***
lancesiona, Mich Janchester, Mass. Ianchester, Mich Janchester, N. H Janchester, Vt Jandan, N. Dak Jandeville, La.	31	1, 205 1, 789 1, 191	17.32	1,900	16.32	1	*****	****	*****	*****	11	1	* 48.6
lanchester, Mich	1,020	44, 126	8,39 23,12	1, 250 55, 000	18.54	80	*****	21	1	4	11	11	20.0
fanchester, Vt	36	1.907	19.4	2,000	18	1	*****	*****					
landan, N. Dak	8	1,328	6.02	1,600 750	5 13, 33	1	*****	*****	*****	*****		****	
landeville, La	10 110	1,012 12,812	9.87 8.66	13, 449	8.25	13	******	4	*****		1	1	* **
Innistique, Mich	**********	2,940	********	3,500	7.5	1	*****	****	*****		******	****	
Ianistique, Mich Ianitou, Colo Ianitowoc, Wis	9	1,439	6.25	1,200	7.5	10	*****	1		1;	8	*****	* 58
Innitowoc, Wis	138 36	7,710 1,911	18, 83	9,400 2,000	18	10	*****					*****	
Iansfield, Ohio	259	13, 473	19. 22	18,000	14.39	10	****		2	****	. 1	****	* 80
farathon, N. Y	23	1, 198	19.19	1,806 7,800	12.73 19.62	9			*****	. 1	13	*****	* **
larbiehead, Mass	132 35	8, 202 1, 126	31.08	2.000	17.5	1	*****	1	1	****		1	
Mansfield, Conn	90	8, 273	10.81	10,000	9	10		. 7	XXXXX	. 1	5	****	18 48
narmette, wis	242	11,523 8,769	21.01 23.72	15,500 20,000	15, 61 14	23 60			5	10		10	
Marion, Ind. Marion, Ohio Marlboro, Mass Marlboro, N. H. Marlin, Tex Marquette, Mich. Marshfield, Vt. Martins Ferry, Ohio Marysville, Cal Marysville, Pa Marysville, Pa Marysville, Tenn Marysville, Tenn Masson, Iowa	280 126	8, 327	15, 13	11,000	11, 45	00			1		18		
Mariboro, Mass	263	13, 805	19.05	14, 980 1, 700	17.55	17			1	1 2	1.1	1	
Marlboro, N. H	33	1,695	19.46	1,700	19.41	. 2	****			. 2	. 1	ERER	1 E N
darlin, Tex	195	2,058 9,093	21.44	3, 500 10, 000	19.5	3	*****					1	
Jarshfield, Vt	25	1, 121	22.3	1, 121 6, 500	22.3	2	. 7						
lartins Ferry, Ohio	156	6, 250		6,500	24 21				****				** .
Marysville, Cal	105 31	3, 991	26.3 11.03	5,000 3,000	10.33	22	****						
Marysville, Pa	OI	2, 810 1, 115		1, 300		. 2						. 1	
larysville, Tenn	7	1,686	4.15	2,500	2.8	4	****		1	** ****	* ****	1	
Mascoutah, Ill	25 76	2, 032 4, 007		2,500 6,400	10	5	*****	. 6				i	
Jason, W. Va	10	1.029	9.71	1,029	9.71	*******						. 2	1
Massena, N. Y	16	1,049	15, 25	1, 200 12, 500	13.33	1			****		5		**
Massillon, Ohio	118 62	10,092	11.69	3, 400	9.44	10	****					1	ï
Mattapoisett, Mass	28	1, 148	24.39	1, 100	25, 44	******		. 2	Aven				** .
Mayville, N. Y	20	1, 164	17.18	1, 200 10, 000	17.66	9			***	1	1	****	
Mechanicahurg Obio	128	9, 520	15.07	2, 200	10	6							× × ×
Mascoutah, III. Mason, Iowa Mason, W. Va Mason, W. Va Mason, W. Va Massellon, Ohio Matawan, N. J. Mattapoisett, Mass Mayville, N. Y Meadville, P.a. Mechanicsburg, Ohio Mechanicsburg, Ohio Mechanicsburg, Wechanicsburg, Wediord, Mass Medford, Mass Medford, Wis. Medicine Lodge, Kans. Medina, N. Y Medway, Mass. Medway, Mass. Medway, Mass.	22 67	3, 691	18.15	2, 200 5, 000 15, 500	13.4	3						1	L ,
Medford, Mass	206	11.079	18.59	15,500	13, 29	16			. 1		7		2
Medicine Lodge Kons	13	1, 193	3 10.89	8, 499 5, 113	10.29	. 8			** ****		** ****		
Medina, N. Y	62	4, 49	2 13.8	5, 000	12.4	1 5	****				1		1
Medway, Mass	45	2, 98	15.07	3,000	15 3 26, 27	206				2 3	3		
Memphis, Tenn	1,469	64, 49	5 22.93 9 17.72	55, 923 12, 000							6		***
Memphis, Tenn Melrose, Mass Menominee, Wis Meriden, Conn	102	8, 519 5, 49						** ****	**	** ***	1		
Meriden, Conn	385	21, 65	2 17.78	28,500	13.5	50					3 1	1 :	21
Merrimac, Mass	38	2, 63	3 14.43	2,300 6,000	16.5 16.8	2			1 1	1	1 5		***
Metropolis III	101 75	4. 81 3, 57	4 20, 98 3 20, 99	4 000	0 18 75							** ***	***
Mexico, N. Y	24	1 31	5 18 25	1, 32	5 18, 11	1 1	3	1	1	***		** ***	***
Merriden, Conn. Merrimac, Mass. Methuen, Mass. Methopolis, Ili. Mexico, N. Y. Meyersdale, Pa. Miamisburg, Ohio. Michigan City, Ind. Middleboro, Mass. Middlebury, Vt.	24	1, 84 2, 95 10, 77	7 12.96	2, 40	0 10	1			8	***	3 4	***	1
Miamisburg, Ohio	40 192	2,95	2 13.55 6 17.91	12,00			. 1				1		

		8	of the 1890.		of the			Dea	ths f	rom-	-		
Cities or towns.	Total deaths from all causes.	Population, U. S. Census of 1890	Annual mortality per 1,000 o population, U. S. Census, E	Estimated population.	Annual mortality per 1,000 o estimated population.	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria.	Membranous croup.	
Aiddleffeld, Conn	10	1,002	9.98	1,000	10	2		1	*****	******	*****		
liddlefleld, Conn. Jiddleport, N. Y. Jiddletown, Ohio. Jiddletown, R. I. Jiford, Conn. Jilford, Conn.	15	1.217	12.33	1,500	10	20	*****	*****	****	****	*****	****	. *
liddletown, Ohio	95 15	7,681 1,154	12.36 12.99	10,000 1,413	9.5 10.61	20	*****	1	*****	*****	1	*****	
filan N H	11	1, 029	10, 69	1.100	10		*****	*****	******	*****	******	*****	1
filbank, S. Dak	6	1, 207	4.97	1,000	6		*****		*****	*****		*****	
lilbury, Mass	89	4, 428	20.1	5, 500	16, 18	14	*****	*****	*****	*****	2	****	**
lilford, Conn	61	3,811	16.01	4,000	15. 25	5	*****	****	*****	*****	*****	****	
iliford, Conn. iliford, Mich. iliforsburg, Ohio. lillersburg, Pa. lilo, Me. lilon, Del. iliton, Del. iliton, Mass. iliton, Mass. iliwaukt Wis. lineral Point, Wis. linersyille, Pa. linersyille, Pa. linersyille, Pa. linersyille, Pa.	14	1,138	12.32	1,400 2,000	10	5		1	1	*****	*****	****	**
lillersburg, Pa	16	1,923 1,527	10.47	1,600	10		*****			******	*****	*****	
lilo, Me	15	1, 029	14.57	1,500	10			*****	*****	*****	*****	*****	
ilton, Del	11	1,074	10, 24	1, 200 5, 518	9.16	2 5	*****		*****		9	1	
ilwank, Wia	3,885	4, 278 204, 468	16, 66 19	250,000	12, 14 15, 54	288	30	63	1	5	112	59	
ineral Point, Wis	0,000	2, 694 3, 504		3, 331		*********		1	*****	*****	10	3	
inersville, Pa	70	3,504	19, 97	5,000	14		*****		*****	*****	- 3	3	
	7 22	1, 139	6.14	1, 350	5. 18 11	2	*****			*****	*****	13	
inneapolis Kans	80	1, 756	11.85 45,55	2,000 10,422	7.67	8				*****	3	11	
inneapolis, Minn	2, 186	1, 856 1, 756 164, 738	13. 27	225, 602	9.68	234	*****	88	30	13	97	17	9
lodesto, Cal	34	2, 402	14.11	2, 200	15, 45	6	*****	2	*****			1	
lohawk, N. Y	30	1,806	16.61	2,000	15 15, 13	1 5		9	*****	*****		3.6	
Ionmouth Me	227 25	12,000 1,362	18, 91 18, 35	15,000 1,500	16, 66	2	*****	3	*****		6	16	
lonroe, N. C	20	1,866	10.71	3,000	6.66	ī			6	1	*****	1	
ingo Junction, Ohio, Inneapolis, Kans Inneapolis, Minn Identification of the control of th	4	1,632	2.45 17.5	1, 200	3, 33		*****		****	*****	*****		
ongomery, Ala	383 12	21, 883 1, 086	17.5	35,000 1,050	10, 96 11, 42	32	*****	8	3	****	****	2	
ontgomery N V	29	1,024	28 39	1,037	27.96	5	*****		**** *	*****	*****	1	
Ionticello, Iowa	24	1,938	12.38 17.66	2,087	11.49	3							
onticello, Me	20	1, 132	17,66	1.260	16, 66	1	*****	2		2	*****		
onticello, Me	15 33	1,174	12.69	1,400 2,400	10.71		*****		*****		*****	****	ł
onson Me	17	1, 237	25.52 13.74	1 200	13, 75	7 4	*****	1	*****	I.	****	18888	*
ontrose, Colo	17 12	1, 330	9.02	1,500	8	3	*****	3	******	******	*****		
ontville, Me	32	1,049	30.5	1,000	32	4		*****	*****	*****		****	
lorgantown, N. C	26	1,557	0.10	2,475		***************************************	*****	2	*****	****		*****	٠,
orristown N J	222	2, 827 8, 156	9, 19	4,500 10,000	5.77 22.2	1	*****	1	*****	2	1		1
orrisville, Pa	22 39	1, 203	27. 22 18. 29	1,300	16.92	2		i	*****	*****	2	6	
orri-town, Vt	39	2, 411	16, 17	2,500	15, 6	4	*****	*****		*****		1	ŀ
louitonboro, N. H	13 62	1,034	12.57 51.97	1, 250 1, 740	10.4 35.63	1 2	*****				*****	****	
ount Avr. Iowa	4	1 000	31.61	1,500	2, 66	2	*****	2	*****	1	7	****	* 1
ount Carmel, Pa	308	8, 254	37.31	13,000	23,68	6	*****	2	******		7	18	
ount Clemens, Mich	50	8, 254 4, 748 1, 355	10,53	6,000	8, 33	7	*****		1	****	*****	****	. ,
lount Holly Springs Po	17 21	1, 355	12.26 17.56	1,300 1,250	13, 07 16, 8	3 2	*****	*****	*****	****	*****	*****	4
lount Joy. Pa	29	1,848	15.69	1, 850	15, 67	3		*****		*****	*****	*****	* '
ount Kisco, N. Y	30	1,095	27.39	1, 850 1, 200	25	5		1		******	*****	*****	
ount Pleasant, Iowa	54	3,652	14.78	4,000	13.5	12	*****		****	1	1	****	
lount Pulaski, III	74	1, 357 4, 705	5, 89 15, 73	1,600 6,000	5 12, 33	13	****	3	*****	*****	10	4	,
lount Vernon, N. Y	301	10, 830	27, 79	18 000	16.72	33	*****	4	*****		10	4 2	
lount Vernon, Ohio	77	6,027	12.77	6,016	12.79	7	*****	4	*****				
uncie, Ind	207	11,345 3,739	18, 24	23,000	9	10			****	2	3	5	
agodoches Tex	87 18	3,739 1,138	23, 26 15, 82	5,000 2,000	17.4	16			*****	*****		****	
antucket, Mass	86	3 268	26, 31	3,016	28 51	2		*****	*****	*****	1	****	*
ashua, Iowa	19	1, 240 19, 311	15.32	1,400	13, 57	******	*****		*****	*****		*****	
ashua, N. H	420	19, 311	21.74	25,000	16, 8	33			2	25	6	*****	
ashville, Mich	23	1,029	22, 35	1,300	17.69	5	*****		*****	******	1	****	
Iontpelier, Ohio	134 12	9, 118 1, 353	14.69 8.87	9, 150 1, 300	14.64 9.23	11 4			1 2	2	2	****	
THE OTHER WILL WILL WILL CONTROL OF	133	6, 218	21.39	9,000	14.77	4		4	-	*****	11	1	

		1890	of the 1890.		of the		1	Deat	he fi	rom-			-
Cities or towns.	Total deaths from all causes.	Population, U. S. Census of 1890	Annual mortality per 1,000 or population, U. S. Census, 1	Estimated population.	Annual mortality per 1,000 c	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria.	Membranous croup.	Whooning cough
Nauvoo, Ill	19	1,208	15.72	1,500	12.66		*****		*****	*****		1	
Nazareth, Pa	18		13, 65	1,600	11.25		*****	1	*****	*****	1	*****	***
Veapolis, Va	43 35	3,799	20.53	1 600	12.64 21.87	} 10		7	*****		*****		
eillsville, Wis	20	1,936	10.33	1,600 2,500	8	4		1	******	1		******	
Seligh, Nebr	8	1, 209	6, 61	1,000	8	1		3	*****	*****		*****	
elsonville, Ohio	59 12	4, 508	12,94 7,25	5,500 2,200	10.73 5,45	7 2	******	6	*****	*****		*****	***
Sesquehning, Pa	64	1,655 2,524	25, 36	4,500	14. 22		******	3	*****	9	3	1	
evada, Iowa	20	1,662	12.03	2,050	9.75	140	******		*****	2		1	1557
evada, Iowaew Bedford, Massew Boston, N. H	1,055	40,733	25.2	55, 254	19.09	97		9	1	5	26	2	
ew Boston, N. H	19 15	1,067 1,608	9, 33	1,067 2,200	17.81 6.82	1		- 0	*****	1	*****	1	4,6
iew Braunfels, Tex iew Brighton, N. Y. iew Brighton, Pa iewburg, N. Y. iewbury, N. Y. iewburyport, Mass iewcastle, Ind iewcastle, Me	418		25, 14	18,000	22.94	29	*****	-	*****		6	î	54.
ew Brighton, Pa		5, 616	*****	7,000 26,000	*******			1	*****	*****			
ewburg, N. Y	426	23, 087	18, 45	26,000	16.38						5	3	
ewburyport, Mass	286 41	13,947	20.5 15.2	14,552 4,000	19,65 10,25	37	*****	9	****	1	1	*****	× ××
ewcastle. Me	17	2, 697 1, 282	13. 26	1, 200	14.16		*****		******	*****	******	*****	
ewcastle, Pa ew Gloucester, Me	* 126	11,600	10.86	1, 200 20, 000	6.3	*******	*****	16	1	9	2	2	
ew Gloucester, Me	22	1,234	17, 82	1,280	17.19		*****		*****	*****	*****	*****	
ew Haven, Conn	1,890	81, 298 1, 079	22.14 14.82	1, 370	18.9 11.68	210	*****	34	2	*****	27		•
iew Haven, Conn	29	1, 221	23, 75	2,500	11.6	0	******	1	*****		2	*****	
ew Haven, Vt	22	1, 221 1, 224	17.97	1.200	18, 33	2	*****	MANN	*****	****	2	****	
ew Hope, Pa	14	1, 142 2, 278	12.26	1, 200 3, 000	11.66	1	*****	*****				1	0
	41 20	1,096	17.99 18,25	1,200	13, 66 16, 66	9	***	4	*****		-1	*****	
ew London, Wis	20	2,050	9.75	2,500	8	6	*****	*****	*****	*****	*****	*****	* *
ewmarket, N. H	61	2,742	22, 25	3,000	20,33	5	*****	3	*****	****	*****	6	
ew London, Ohio few London, Wis ewmarket, N. H few Milford, Conn	89	3, 917	22,72	4,000	22, 25	7	1	2			80		
lew Orientis, Lat	8,045	242, 039	33, 24 17, 86	275,000	29, 25 13, 87	871	56	113	57	5	80	19	1
ew Philadelphia, Ohio ewport, Me ewport, Pa ewport, R. I	78 24	4, 456 1, 188	20.2	5, 673 1, 400	17.14	i	*****	9		*****			
ewport, Pa	35	1, 417	20, 2 24, 7	1,500	23, 33						*****		
ewport, R. I	350	19, 457	17.98	20,000	17.5	44	*****	. 8	****	. 1	5	1	
	33	2,782 24,379	11.86 18.37	3,000	11 16, 23	9			******	. 1	15	6	١.
ewton, Massewton, N. Cewton, N. H	448 8	1,038	7.71	27,590 1,800	4.44	1	*****	0	1 2	1	10	0	
ewton, N. H	13	1.064	12, 21 10, 17	1,800 1,100 3,500	11.8	2					*****		
ewtown, Conn,	36	3, 539	10.17	3,500	10.28	3				*****		*****	
lewtown, Pa	24 73	1,213	17.14 19.51	1,400	18 14.6	10	*****				. 6		
kew Ulm, Minn. New York, N. Y. Niagara Falls, N. Y. Nicholasville, Ky. Noblesville, Ind. Nokomis, Ill Norfolk Copp.	43, 420	3, 741 1, 515, 301	28,65	5,000 1,879,195	23, 11	5, 205	4 10	2000	702	468	169	342	
iagara Falls, N. Y	239	5,502	43, 43	16, 853	14.18	22		18	2	2	11	****	
icholasville, Ky	25	2, 157 3, 054	11.59	3, 300 5, 000	7.57	6	*****	2	****	*****		. 1	1
okomis III	49 57	1, 305	16.02 43.67	8, 400	9.8 6.78	45	****	5	****	* ****	11	1	
orfolk, Conn orridgewock, Me orristown, Pa orthampton, Mass	22	1.546	14 93	1 546	14 23	2							
orridgewock, Me	29	1,656	17.51	1,656	17.51					*****	****		
orristown, Pa	314 253	19, 791 14, 990	115, 86	23,000 16,738	13, 65	34	00000	6		. 2	. 1	9	
orth Baltimore Ohio	203	2,857	7	4,000	5	1	****	1	1	N NAMES	4	3	
orth Baltimore, Ohio orth Berwick, Me	36	1,803	19.96	1, 800 1, 941	20								cs .
VOLUDDOLO, MASS	32	1,952	16, 39	1,941	16, 42	3				. 2	1	1	
orthbridge, Mass forth East, Pa	80 36	4, 603 1, 538	17.38	5, 286 2, 500		4	**************************************	. 2	****	. 3	1	****	**
North Haven Conn.	36	1, 862	23.4	2,000	14.4	4	* ****	1	* *****	. 1		*****	**
North Haven, Conn North Hempstead, N. Y North St. Paul, Minn North Tarrytown, N. Y Northumberland, Pa	121	3,000		9,000		16	*****			. 1	1	4	1
North St. Paul, Minn	14	1,099	12.74	1,020	13.72						() seens	4	
North Tarrytown, N. Y.	54	3, 179 2, 744	16.98	4,500		6	****			. 1	- 2		
North Utica, 111	27 11	1,094	9.83 10.05	2,700 1,200	9, 16	3	* ****	1	* ****	. 3	****		**
North Utica, Ill Northville, Mich	36	1,573		2,000	18	3	*****		*****	****	1	1	**
North Wales, Pa	19	1,060	17.92	1, 200	15.83								. 1

^{*} Two deaths from typhus fever.

[†]Smallpox and varioloid.

		890.	of the 1890.		of the			Dea	ths f	rom-	-		
Cities or towns.	Total deaths from all causes.	Population, U.S. Census of 1890	Annual mortality per 1,000 c population, U. S. Census, 1	Estimated population.	Annual mortality per 1,000 c	Phthisis pulmonalis.	Smallpor.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria.	Membranous croup.	Whoming cough
Norton, Mass	32	1,785	17.92	1,614	19, 82	3		2	1	*****	*****	*****	***
Norway, Me Norwich Vt	37 19	2,665 1,304	13, 88 14, 57	3,000 1,304	12.33 14.57	7		*****	*****	1	*****	*****	***
Norwood, N. Y	26	1,463	17.77	1,600	16.25	6	*****	*****	*****	*****	*****	*****	***
Norwich, Vt Norwood, N. Y Nyaek, N. Y Dak Harbor, Ohio Dakland, Cal	79 8	4, 111 1, 681 48, 682	19, 21 4, 76 15, 13	5, 603 1, 700	14.1 4.7 12.28	5	*****	1	******	3	4	2	
Dakland, Cal Dakland, Me	787 29	48, 682 2, 044	15.13 14.18	60,000 2,100	12, 28 13, 81	106	****	17	4	3	3	2	
Oberlin, Ohio	55	4.376	12.56	4,600	11.95	3 7 2	*****	2	*****	*****	3	*****	** *
Deala, Fla	90 16	2,904 1,122	30.97 14.26	5,000 1,425	18 11. 22	2 7	*****	4	*****	*****	6	1	00
reden, Ctan	159	14 990	10, 68	20,000	7.95	13	*****	7		4	2		40
ogden, Utah. Dil City, Pa. Dil City, Oreg. Drange, Mass. Drange, Mass. Drange, Mass. Dreonta, Mass. Dreono, Me. Drewell, Vt. Drwigsburg, Pa. Disborne, Kans. Discoola Mills, Pa. Diswego, N. Y. Diswego, N.	180 23	10, 932 3, 294	16.46 7.07	14,000 4,000	12.86 5.75	2	*****	37		3	23	4	**
old Lyme, Conn	19	1,319	14.41	1,325	14.33	2		*****	*****		*****	*****	**
oldtown, Meld Saybrook, Conn	72 14	5, 312 1, 484	13, 55 9, 43	6,000 1,500	9.33	4	*****	4		*****	2	1	
lean, N. Y	102 1, 172	1, 484 7, 358	13.86	9, 100	11.21 8.37	122	*****	3 29	1		1	******	
mro, Wis	1, 172	140, 452 1, 232 6, 083	12.17	1,400	10.71	122	*****	29	1	43	41	*****	L
neida, N. Y	100	6,083 1,226	16, 42 4, 89	6,000 1,800	16.66 3.33	13	*****	2	*****	*****	*****	*****	20
neonta, N. Y	139	6. 272	22, 16	8,000	17.37	14	*****	7		1	3	1	90
range, Conn	92 71	4, 537 4, 568	20, 27 15, 54	5, 080 5, 381	18.11 13.19	10	*****	2	*****	*****	*****	*****	**
range, Tex	36	3, 173	11.34	5,000	7. 2 7. 14	2	*****	*****		*****	*****	1	90
Pregon City, Oreg	25 22	3,062 1,390	8, 16 15, 82	3,500 1,400	7.14	10	*****	5	1	1	1	1	991
rleans, Mass	28	1 910	22, 96	1,265	15.71 22.13	4	*****	2	*****	******	*****	*****	**
rono, Me	56 15	2,790 1,265	20, 07 11, 85	3,000 1,265	18.66 11.85	1	*****	1	*****	*****	3	*****	**
rwigsburg, Pa	26	1.290	20, 15	1,500	17.33	2	*****		*****	******	2	*****	**
sceola Mills. Pa	19	1, 174 1, 730	4. 25 10, 98	1,000 2,500	5 7.6	1	******	2	1	1	2	1	00
ssipee, N. H	36	1,630	22.81	1,800	20	********		*****		1		*****	00
swego, N. Yswego Falls, N. Y	334 42	21, 842 1, 821	15, 27 23, 06	25,000 2,500	13.36 16.8	59 6	*****	1	*****	1	17	2	_
ttawa, Ohio	26	1, 821 1, 717 2, 534	15.14	2,500	10.4	3	*****	4	*****	*****	*****		-
watouna, Minn	21 61	3, 849	8, 28 15, 85	2,500 5,500	8, 4 11, 09	5	*****	3	*****	******	5	2	**
wosso, Mich	113 14	3, 849 6, 564	17.19 9,5	10,000	11.3 9.03	********	*****	6		1		1	**
xford, Mass	44	1,473 2,616	16.82	1,550 2,391	18, 32	6	*****	******	******	1	*****	1	0.0
xford, Mich	15 42	1, 128 2, 907	13, 29 14, 44	1,200 2,500	12.5 16.8	2 8	*****	1	*****	*****	*****	*****	
xford, N. J	50	2, 383	20, 98	2,500	20	2	*****		*****		3	*****	
wosso, Mich	41 75	1, 477 4, 755	27.76 15.77	3,500 5,000	11.71 15	4 8	*****		2	2	******	*****	00
alatka, Fla	69	3, 039	22.7	4,000	17.25	11	*****	1		*****	*****	*****	10
almer, Massalmer, Mich	156	6, 520 1, 011	22.87 3.95	6, 820 500	22 8	4		1	*****	24	8	9	**
almyra, Me	14	1,004	13.94	1,004	13.94	********	******	*****		******		*****	
almyra, Mealmyra, Moalmyra, N. J	21	2,515 1,903	11.03	2,500 2,310	9.09	5		1	1		2	1	**
aris, Me	65 38	3, 156	20.59	3 280	19.81	4	*****	*****		1	1	*****	
arkersburg, W. Va	91	2, 850 8, 408	14.7	5, 000 15, 000	7.6 6.06	17		6	*****	1	*****	1	**
arkersburg, Pa	12	1,514	7.92	1,800	6, 66		*****		*****	*****	3	*****	**
asadena, Cal	20 182	1, 398 4, 882	14.3 37.27	1,300 12,000	15.38 15.16	54		4	*****	*****	2		-
ass Christian, Miss	34	4, 882 1, 705	19.94	2,000	17	********	******				1	******	
aris, Me. ark City, Utah arkersburg, W. Va. arkersburg, Pa. arsonsfield, Me. asadena, Cal. ass Christian, Miss aterson, N. J. awlet, Vt. awpaw, Mich awtucket, R. I.	1,707	78, 347 1, 745	21.78 12.6	100,000 1,745	17.07 12.6	207	2	21		8	67	27	040
awpaw, Mich	25 653	1,391	17.97 23.63	1,350	18,51	2	*****	1 25	******	2	55		

		1890,	of the 890.		of the		1	Deat	hs fi	rom-	_		
Cities or towns.	Total deaths from all causes.	Jo snsua	Annual mortality per 1,000 of the population, U. S. Census, 1890.	Estimated population.	Annual mortality per 1,000 c	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria.	Membranous croup.	With a solution and the
Payson, Utah	30	2,135	14.05	2,500	12	5				*****			
Pecatonica, Ill	42	1,059 2,408	39.65 14.53	1,200 3,000	35 11.66	3	*****	1	*****	*****	*****		
Pella, Iowa	35 37	1.878	19.7	5,000	7.4	6	*****	1	8		*****	*****	
embroke, Me	15	1,514 1,320	9, 91	1,514 1,350	9, 91 18, 51	3	*****	*****	*****	*****	*****	*****	
Pembroke, Mass	25 64	4, 254	18.94 15.04	4, 254	15, 04	********	*****		*****		*****	*****	
Pendleton, Oreg	31	2,506	12.36	3,000	10,33	6		5		exters	*****		
Pembroke, Me	23	$\frac{1,313}{11,750}$	17.49	1,315	17.49 16.46	20	*****	12	*****	*****	-6000	*****	
Pensacola, Fia	247 26	11,750	21, 02 14, 88	15,000 2,000	13	2		1	******		2	*****	
Perth Amboy, N. J	314	1,747 9,512	33.01	2,000 13,000	24, 15	17		2		- 2	- 0		. "
Peterboro, N. H	40. 557	2,507 22,680	15,95 24,55	2,500 25,000	16 22, 28	40	*****	12	*****	1	1	I a	45
Petersburg, Va	18	1,050	17.14	952	18.09	1	*****	*****	*****	*****	. 1	****	J,
Phenixville, Pa	132	1,050 8,514	15, 50	8,500	15.53	1.5		2		*****	1	i	
hillinghung Mont	18	$\frac{3,235}{1,058}$	5.56 14.18	2,000 1,500	9	1	******	4			*****		
hippsburg, Me	17	1,396	12, 18	1,400	12.14								
iketon, Ohio	9	1,022	8,81	900	18, 33	1 8	*****	9		*****	*****	*****	
ine Grove, Pa	22	1,103 9,090	19,94	1,200 12,000	18. 33	20	*****	8		*****	1	*****	
ittsfield, Mass	319	17 281	18, 46	20,500	15,56	46	******	- 3	*****	1	8		
ittston, Me	17	1, 281	13.27	1,281	13.27	2	******		00000			1	1
Plain, Ohio	12	1,245 1,414	8,48	1.500	8								
Plainfield, N. H	16	1.173	13.64	1,000 12,000	16	2	****	*****	*****	*****		*****	
lainfield, N. J	239 19	11, 267 1, 085	21.21	1,000	19.91	21		1	1	2	. 0	A	
lano, Ili	12	1,825	6, 57	2,000	6	3	******				. 1	****	d
Platteville, Wis Pleasant Ridge, Ohio	31	2,740 1,027	11.31	3,328 1,200	9.31	4	*****	*1555		1	****	****	
	20	1 926	10.38	3,000	7.5 6.66	******	*****	*****	*****	*****	*****	*****	
Peasant Grove, Ctan Pymouth, Con Pymouth, Mass Pymouth, Pa	9	1, 139 2, 147 2, 733	7.9	1,650 2,153	5, 45	3 2	*****	1	****				
lymouth, Conn	36	2, 147	16.76 6.58	2, 153 4, 000	16.72 4.5	2	*****	****	*****	*****		3	
lymouth, Ind	18 177	7, 314	24.06	8,000	22, 12	13	*****	*****	*****	2	*****		
lymouth, N. C	26	1, 212	21.45	2,500	10.4	1	*****	1	****			. 1	
Plymouth, Pa	83 21	9,344 1,728	8.88 12.73	10,000 2,200	8.3 9.54	******	*****	. 8	****	. 0	9	*****	
olo, III omeroy, Ohio omfret, Conn	20	4, 726	4.25	S (##)	4	4	*****	4	*****	*****			а
Comfret, Conn	41	1, 4,1	24.94	1,470	27.89	2 2	*****						
ontiac, Mich	106 31	6, 200 1, 105	15, 48 28, 05	7,600 2,500	13.94 12.4	2	*****	1	****			*****	
ort Chester, N. Y		5 974		6,000	******	. 5	*****	. 3			. 13		
ort Ewen, N. Y	35	1, 211	28, 89	1,500	23, 33 11, 8	1	******		*****		. 4		1.0
Omtree, Conn Ontiac, Mich. Ort Byron, N. Y Ort Chester, N. Y Ort Ewen, N. Y Ort Huron, Mich. Ort Jervis, N. Y Ort Jervis, N. Y Ort Jervis, N. Y Ort Jervis, N. Y	236 161	9, 327		20,000 10,000	16, 1	14	TERRO	6	2	****	. 4	6	
Portland, Me	789	36, 425	21.66	40,000	19,72	89	*****		****		. 21	4	
Portland, Oreg	699 15	46, 385 4, 558	15.07 3,28	81,000 2,000	8.63 7.5	117	*****		*****		16		
ottstown, Pa	210	13,285	15.81	16 (WW)	13 19	18		-04	2	4	4	****	
otsdam, N. Y	65	3, 961 22, 206	16.41	5,000	13 19.24	2	*****			4	8	****	
oughkeepsie, N. Y	481	3, 031	21.66	25,000 3,100		47	*****		*****				,
ratt, Kans	64	1, 418	45, 13	6,583	9,72	2	****	. 10	****		. 4	****	
Ortland, Oreg Ort Townsend, Wash Ottstown, Pa Otsdam, N. Y Oughkeepsie, N. Y Oultney, Vt Oratt, Kans Providence, R. I Providence, R. I	46	3, 076 132, 146	14.95	5,000	9, 2 21, 22	355	****	4.0	40	64	79	1 25	
Pueblo, Colo	3, 087 448	24, 558	18.24	145, 472 33, 000	13, 57	71	****			. 7	5	20	
Pueblo, Colo Putney, Vt Puyallup, Wash Quakertown, Pa	28	1,075 1,732	26,04	1, 100	25, 45	3	*****				1	****	
Puyallup, Wash	12	1,732	6,92	2,500 3,000	14.8	4	*****	. 1	****		2	* ****	e:0
Quakertown, Pa	42 548	2, 169 31, 494	17.4	40,000		53		. 24	5	1	8	11	
Quincy, III	311	16, 723 21, 014	17.99	20,712	14,53	53	*****	. 7		. 4	16	1	
Racine, Wis	360 160	21, 014 7, 100	17.13 5 22.65	27,000 8,000	13, 33	16		. 3		. 1	. 3		è

		1890.	of the 1890.		of the			Dea	ths f	rom	_		
Cities or towns.	Total deaths from all causes	Population, U. S. Census of	Annual mortality per 1,000 or population, U. S. Census, 1	Estimated population.	Annual mortality per 1,000 estimated population.	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria.	Membranous croup.	Whooning count
Raleigh, N. C.*	308	12,678	24. 29	16,000	19, 25	40	*****	13	2	1		2	001
Randolph, Mass	90 78	3, 946 3, 417 1, 176	$\frac{22.80}{22.82}$	3,694 4,500	24, 36 17, 33	6	*****	3	*****	1	1	****	***
Readfield, Me	19 81	1,176 4,088	16. 15 19. 81	1,200 4,900	15.83	5			*****	******	*****	*****	***
teading, Pa	1, 378	58, 661	23, 49	71,000	16,53 19,4	104	*****	36	*****	2	46	44	***
ed Bank, N. J	61	4, 145	14.71	5, 200	11.73	5					*****	*****	
geading, Pageading, Paged Bank, N. Jgedding, Calgedding, Conngedlands, Calgedlands, Calg	26 24	1,821 1,546	14.77 15.52	3,000 1,500	8, 66 16	1 4	*****	*****	******	****	****	*****	
edlands. Cal	67	1,904	35. 18	4,000	16.75	33	*****	1	*****	*****	******	1	**
ewnoldton Pa	28	1,572 1,379	5.73 20.3	1,800 2,000	5 14	********	*****	*****		9	1	1	**
hinebeck, N. Y hinelander, Wis ichfield Springs, N. Y ichland Center, Wis ichmond, Ind ichmond, Va ico, Colo idgway, Pa idgewood, N. J io Grande, Tex ising Sun, Ind iverside, N. J ochester, Mass ochester, N. Y ock Gord, Ill ock Island, Ill ock Island, Ill ock Island, Mass	55	1,649	15.71	3,500	15, 43	3	*****	*****					
hinelander, Wis	39 49	2,658	14.67	5,000	7.8	3	*****	5	*****	*****	****	*****	
ichland Center. Wis	15	1,623 1,819	30, 19 8, 24	1,650 2,300	29, 69 6, 52	2	******	2 2	1	*****	*****	1	**
ichmond, Ind	246	16, 608	14.81	20,000	12.3	32	*****	6		****	13		
ichmond, Vaico. Colo	1,556	81, 388 1, 134	19.11 3.52	96, 660 3, 000	16.1 1.33	173		26	*****	3	9	2	
idgway, Pa	38	1.5633	19.96	4,000	9.5	1		2	2	î	1	1	
idgewood, N. J	29 180	1,047 1,968	27.69 9.15	2,500 1,800	11.6	2	*****	2		*****	3	*****	
ising Sun, Ind	10	1,689	5. 92	1,800	5, 55	3	*****	2	1	2	1	1	- 53
iverside, N. J	11	1,340	8.21	1,800	6.11	1	*****	2			3		
ochester, Mass	2,356	1, 012 133, 896	15, 81 17, 59	1,000	16 14, 72	312	*****	38	*****	4	61	*****	**
ochester, Vt	22	1, 257	17.50	1,350	16 21	3	*****		*****	*****		******	
oekford, Ill	350	23, 584	14.41	30,000	11.66	26	*****		6	1	3	3	
ockland, Mass	148 84	13, 634 5, 213	18. 55 16, 11	21,000 5,500	7.05 15.27	10	*****		*****		1	5	
ockport, Tex	14	1,069	7.77	1,800	12, 11	3	*****		*****		*****	*****	
ockland, Mass ockport, Tex ocky Hill, Conn ollinsford, N. H	16 20	1,069 2,003	14, 96 9, 82	1,100	14.54	1	*****				*****	*****	
omeo, Mich	40	1, 687	23, 71	2,003 1,800	9,82 22,22		*****	1	******	*****	*****		
omeo, Michosendale, N. Yowley, Mass	106	1,706	62, 13	6, 125	17.31	1		10		1	1	1	
owley, Massoyalston, Mass	13 21	1, 248 1, 030	14.16 20.38	1,280 900	10, 93 23, 33	4		1		1	*****	*****	
abina, Unio f	; 11	1,080	10, 19	1,500	7.33	4			*****	1	*****	*****	
ac City, Iowa	487	1, 249 26, 386	5, 6 18, 45	1,500 30,000	4.66 16,23	75	*****	6	2	2	8	1	
	22	1,206	18, 22	1,200	18, 33	1	******		2	*****	3	*****	
t. Albans, Vt	129	7,771 1,779	16.6	7,771	16, 6	14		2		7		7	*
t, Albans, Vt	34 12	1,779 1,178	19, 11 10, 18	2,800 1,400	12, 22 8, 57	3	*****	1	*****	*****	1	*****	**
t. Cloud, Minn	52	7,686	6.76	9,600	5.42	3	******	3	*****	2	3	3	
t. George, Me	53 14	2, 491 3, 127	21.27 4.79	2,600 3,300	20, 38 4, 24	11	*****	1	*****		3	-00000	-
t, Johnsville, N. Y. t, Joseph, Mich t, Louis, Mich	25	1, 263	19.79	1,900	13, 16	3	******	1	*****	1	1	*****	
t. Joseph, Mich	46	3, 733	12.32	5,000	9.2	3		*****	*****	*****	*****	*****	
	9, 425	2, 246 451, 770	15, 13 20, 86	2, 300 560, 000	14 16, 83	1,000	73	107	38	20	522	171	
Michael, Md.	13	1, 329	9.85	2,000	6,5	5		1			*****	****	
t. Mary, Ohio	137	3,000	45, 66	6,000	22.95	7	****	4	*****	*****	5	4	
t, Paris, Ohio,	1,629	1, 145 133, 156	6.98 12.23	1, 400 212, 480	5.71 7.66	242	*****	38	3	1 3	107	*****	
t. Regis Falls, N. Y	27	1,210	22, 31	2,000	13.5	9	*****	1			*****	2	
t. Paul, Minnt. Regis Falls, N. Yalem, Indalem, Mass	35 648	1, 975 30, 801	17.72 21.03	2,000 34,473	17.5 18.79	2 51	*****	3	1	9	4	2	
alem, N. H	27	1,805	14.95	1,800	15	91	*****	9	£				
alem, N. Halem, N. Jalem, Ohio	118	5, 516	21, 34	6, 342	18.6	*******				1	8	2	
alem, Ohio	81 35	5, 780 2, 369	14.01 14.77	8,000 2,500	10, 12 14	5	*****	5	1	1	*****	*****	
alineville, Ohio	30	1,316	22, 79	1,300	23.07	********	*****		*****	*****	2	*****	**
alisbury, N. C	30	4,418	6.79	5,000	6	5			5			***	

		890.	of the 1890.		of the	-		Dea	ths f	rom-	-		
Cities or towns.	Deaths from all causes.	Population, U. S. Census of 1890	Annual mortality per 1,000 o population, U. S. Census, B	Estimated population.	Annual mortality per 1,000 o estimated population.	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria.	Membranous croup.	Whooping cough.
Salt Lake City, Utah Sanborntown, N. H Sand Beach, Mich	554	44,843	12.35	70,000	7.91	32	*****		12	8	11	2	2
Sanborntown, N. H	14	1, 027 1, 046	13,63	1,000 2,500	4.8	1	*****				*****		****
Sandwich, Mass	38	1.819	20,88	1,800	21, 11								****
Sandwich, Mass Sandwich, N. H Sandy Hill, N. Y	34	1,303 2,895	26,09 19,34	1,300 3,500	26, 15 16	3	*****	*****	*****	******	1	9	4
Sanford, Fla	36	2,016	17.85	2,500	14.4	7	42222	6	******		*****		SERVE.
Sanford, Me	100	4, 201 298, 997	23.8	5,000	20	3	******	1	*****	******	3	20	****
San Francisco, Cal San Jose, Cal	5, 914 282	18,060	19, 78 15, 61	330, 000 25, 000	17.92 11.28	1,049	******	4	*****		10	1	
San Luis Obispo, Cal San Marcos, Tex Santa Ana, Cal	73	2,995	24.37	3,502	20.81	11	*****				*****		1
San Marcos, Tex	10	2, 335 3, 628	4, 28 36, 65	3,000 10,000	3, 33	18	*****		*****	*****	1	1	9
	111	5, 864	18, 93	6,000	18.5	19				******			
Saugus, Mass Sauk Rapids, Minn Sauk Center, Minn	82	3,673	22, 32 10, 97	4, 497	18, 23 9, 28	6	*****	2			2		*****
Sauk Center Minn	13 17	1, 185 1, 695	10, 97	1,400 2,100	8,09	******	*****	4	*****	*****	****	*****	
Savanna, Ill	000	3,097	12.26	3,800	10		******	5	2	1	1	1	SEKKE
Saybrook, Conn	15 30	1, 484	10.1 16.72	1,500 1,800	10 16.66		*****						****
Savanna, III. Saybrook, Conn. Scarboro, Me Schenectady, N. Y. Schobarie, N. Y. Schuylerville, N. Y. Scituate, Mass. Scituate, R. I. Scottdale, Pa. Scranton, Pa.	436	19, 902	21.9	25,000	17.44	48	******	17		2	2	1	2
Schoharie, N. Y	36	1,028 1,387	25, 01	3, 250	11.07	6	*****	1		******		****	-
Schuylerville, N. Y	20 35	2,318	14, 42 15, 09	1,800 2,300	11.11 15.21	1 3	******		3			1	
Scituate, R. I	74	3, 174	23.31	3, 800	19.47			THEFT		*****		*****	
Scottdale, Pa	1,545	2, 693 75, 215	12, 25 20, 54	3,000	11	52	*****	99	9	47	47	20	15
Seranton, Pa Seabrook, N. H	25	1,672	14, 95	1,683 1,693	14.85		*****				***		
Seabrook, N. H	33	1,693	19, 43	1,693	19, 43	1					5	*****	
Sedowick Me	425	42, 837 1, 012	9, 92 19, 76	1,000	7.08	33	******	24	*****	*	9	*****	*****
Seekouk, Mass	36	1.317	27. 25	1,500	24	2	*****		*****	*****	*****	*****	*****
Selma, Cal	23 52	1, 150	20	1,500	15.33	3		3		 RL			1 2
Seneca, Kans	49	2, 032 3, 300	25, 59 14, 85	1,900 3,000	26. 42 16. 33	5 2		1	******	1		1	
Seymour, Conn Seymour, Iowa	28	1,058	26, 46	1,800	15, 55	******		****	*****	18000	14883	****	** ***
Shaftsburg, Vt Shakopee, Minn	33	1,652 1,757	3, 64 18, 78	1,652 2,200	3.64				*****	*****	*****	1	
Sharon, Conn	34	2, 149	15, 81	2,500	13.6	1	*****	258888	*****	*****			
Sharon, Conn Sharon, Mass	36	1,634	22.03	3,000	24 8.66	2 9	*****	1	*****		2	4	5
Sharpsville, Pa Sheffield, Mass	26 21	2,330 1,954	11.15 10.74	1.887	11.12	1 2 3	*****		******	0			3
Sheffield, Mass Sheffield, Pa	21	1, 295	16.21	1,950	10.77	*******	*****	1	1	*****	2		****
Shelburne Mass	45 22	1,977 1,553	22, 71 14, 16	4,000 1,600	11.25 13.75	2 3	*****	8	1	*** **	4	****	-01100
Shelburne, Mass Shelburne, Vt Sheldon, Vt	23	1,300	17.69	1,200	19.16	3	*****	*****	*****		*****		*****
Sheldon, Vt	22	1,365	16.11	1,400	15.71	1							
Shenandoah, Pa	391	15,944	24, 52 16, 64	18,000 1,446	21.72 15.97	7	*****	*****	1	*****	*****	A	*****
Sherborn, Mass Sherman, Tex Shreveport, La { W. C.	115	1,381 7,335	15, 67	12,000	9.58	13	*****	15	49		2		****
Shreveport, La W.	78 178	11,979	21.37	6,500	12 23, 73	} 24	****	6	7	224861	1	2	1
	an	1, 449	20, 01	17,500 1,530	18,95	,		*****				*****	****
Shrewsburg, Mass Sibley, Lowa	10	1,090	9.17	1,500	6.66	1	*****	******				****	
Sidney, N. Y	83 70	1,358 4,850	61.11 14.43	5,000 7,000	16.6 10	8	*****	2 7	*****	******		2	2
Silver Creek, N. Y	36	1,678	21, 45	2,000	18								
Sloux Falls, S. Dak	90 106	10, 177	8, 84 20, 91	10,000 5,200	9 20, 38	6 3	*****	3	*****		*****	1	1
Slatington, Pa	42	5,068 2,716	15, 46	4,000	10.5	3	*****	2	*****		2	*****	
Sleepy Eye, Minn	17	1,513	11.23	2,000	8.5	1	*****	*****	*****	*****	*****	****	1
Smyrna Del	53	1,080 2,455	15.74 21.63	1,750 2,700	9.71 19.62	3	*****	*****	REALES	*****	*****	*****	-
Snow Hill, Md Somerset, Mass	10	1,483	6.06	1,700	5, 88	1		3		1	1		
Somerset, Mass	28	2,106	13. 29	1,900	14.73	1	*****	20	******		40	****	
Somerville, Mass	838	40, 152	20, 87	52,600	15, 93	91	*****	10	1	17	43	****	2

		.068	of the 1890.		of the		1	Deat	hs fi	rom-	_		_
Cities or towns.	Total deaths from all causes.	Population, U. S. Census of 1890	Annual mortality per 1,000 o population, U. S. Census, 15	Estimated population.	Annual mortality per 1,000 cestimated population.	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria.	Membranous croup.	With a second
South Amboy, N. J	104		24.01	5,500	19.27	8				*****			
outhampton, Mass	11 46	1,017 3,434	10.81 13.39	1,054 3,434	10.43 13.39	1		3					
outh Berwick, Me outh Bethlehem, Pa	204	10, 302	19.8	14,000	14.57	18	******	3		*****	1		
outhboro, Mass	39	2, 114	18,44	2, 222	17.55			****	*****	*****		****	
outh Boston, Vaouthbridge, Massouthbury, Conn	5	1,789	2,79	2,800 8,220	1.43 20.43		*****		1	*****	*****	*****	
outhbury Conn	168 18	7,655 1,089	21.94 16.52	1, 100	16.36	23		******			******	*****	
outh Charleston, Ohio	13	1.041	12.38	1,200	10,83	1		******			*****		**
outh Fork, Paouth Glen Falls, N. Y	27	1, 295	20,84	2,000	13.5		*****	*****	*****	*****	9		*
outh Glen Falls, N. Y	42 87	1,606 4,261	26, 09 20, 41	2,000 4,400	21 19.5	5 4 1	*****	î	1	******		2	
outh Hadley, Mass outh Haven, Mich	15	1,924		3,000	5	1			*****	1	1		
outh Orange, N. J outh St. Paul, Minn	24	3, 106	7.78 7.72	4,000	6		*****	1		*****	*****	0.000	
outh St. Paul, Minn	3	2, 242	1.33	3,000 1,200	13, 33	2	*****	A	*****	*****	*****	1	
outh Stillwater, Minn outh Windsor, Conn	16 35	1,304 $1,736$	20, 16	1,700	20.58	2	*****	3		******		1	
parrow Point. Md	12	2,507	4.78	2,000	6								
pencer, Mass	108	8,747	12.34	7,400	14.59 5,55	18	*****	3	1	*****	2	*****	
pencerville, Ohio pokane, Wash	10 260	1,266 19,922	7.89 13.5	1,800 30,000	8, 66	31	*****	11			9	*****	
pring City, Utah	22	1,044	21.07	1, 226	17.94	31		1	****	*****	*****		
pring Valley, N. Y	30	1,028	29, 18	1,300	23.07	6	*****	2	****	1	4	2	
pringfield, Ohio	445	31,895	13,95 8,56	38,000	11.71	64	*****	21	*****	*****		-	
pring Lake, Mich pringville, N. J	10 28	1, 168 1, 883	14.87	2,280	12.28	- 5					1 1	1	
Stanton, Mich	10	1,352	7.39	1,500	6.66								
tarkville, Miss	152	1,725	88, 11	19,000	8	10	*****	1	20	****	9		
teelton, Pa	107	9, 250 1, 051	14.86 19.98	10,000	10.7 19.09	10 16	*****	3	1		-	*****	
sterling, Conn	21 73	5, 824	12.53	6,745	10.82		*****	2			. 5	****	
terling, Mass,	20	1, 244	16,07	1, 396	13.06	3							**
teubenville, Ohio	65	13, 394	4.85	13,000	5					. 6			
toekton, Cal	200 18	1, 149	13, 86 15, 66	17,000 1,150	11.76 15.65	37	*****		****		*****		**
tockton Springs, Me tonington, Conn	127	7, 184	17.12	7,500	16, 93	15					. 3	****	
torm Lake, Iowa	23	1,682	13, 67	2,000	11.5		*****	4	1	3			**
torm Lake, Iowa turbridge, Mass	39	2,074	18.8	2,000	19.5	5 8		1	. 1		. 2	****	**
turgis, Mich	45 20	2, 489 1, 165	18.08 17.17	2,800 2,000	16.07 10		*****		*****				
Suffield, Conn		3, 169		3, 169	18.3	11							
Sumter, S. C	*43	3, 865	11.12	5,000	8.6	********		. 3	8	. 1	. 1	1	
Sunbury, Pa	86	5, 930	14.5 8.66	7,000 2,100	12.28 6.66	6 2	*****	*****	* *****		****		2
Superior, Nebr	14 264	1, 614 11, 983	22.03	26, 176	10,08	6	*****	22	1	17	6		
Susquehanna Depot. Pa	51	3,872	13.17	5,000	10, 2		****	. 1			. 1		
Sutton, Mass Sutton, Nebr	61	3, 180		3, 420	17.83	5	****	1					
Swampscott, Mass	63	1.541 3,198		1,754 3,500	6.27						. 1	1	ï
Swanton, Vt	43	3, 231		3, 230	13.31	4				. 1	1	1	ı
Swanton, Vt Swansea, Mass	32	1,456	21.97	1,629	19.64	2	****			. 2	****	****	***
Swanzey, N. H Syracuse, N. Y Tacoma, Wash	28	1,600	17.5	1,600 120,000		. 14	****	1	-8480	. 2	2	***	**
Tacoma Wash	385	88, 143 36, 006		50,000	7.7	3	*****	. 4		. 1	1		
ramaqua, Pa	72	6, 054	11.89	6,500	11.07			2			1 2		
Farentum, Pa	70	4, 627	15.12	5,000		*******	*****	. 7	9		. 6	2	2
Taunton, Mass	514	25, 448		27, 093 5, 000	18, 97		. 4	* ****	* ****	** ****	20		i
Taylor, Tex	27	2,584 $2,829$	9.54	5,000	5.4	4					3		
Tecumseh, Mich	35	2, 310	15, 15	2,500	14	6						. 1	1
Tell City, Ind	50	2,094	16	3,500	14.29	9	****			** ****	1	1	
Tenafly, N. J	18	1,046		1,800 5,000		2				** ****			
Tewksbury, Mass	44	2, 988 2, 515	6.69	3, 379		*******	* ****			1	****		
Taulon, Mass. Taylor, Tex Taylor, Tex Teylor, Mich. Tecumsch, Mich. Tell City, Ind. Tensfly, N. J. Terrell, Tex. Tewksbury, Mass. Thomaston, Conn. Three Rivers, Mich.	37	3, 278	11.28	3,000	12.33	3	*****	. 1	****	2		** ***	
Three Rivers, Mich	42		13, 41	3,500		********							

Cities or towns.		980	Annual mortality per 1,000 of the population, U. S. Census, 1810.	Estimated population.	Annual mortality per 1,000 of the estimated population.	Deaths from—							
	Total deaths from all causes.	Population, U. S. Census of 1890				Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria.	Membranous croup.	Whooping cough.
Tidionte, Pa	13 150	1,328	9.78	1,600	8.12	3			*****	*****			
Tilton, N. H	29 24	1,521	13, 91 19, 06	1,500	10, 71 19, 33	15	*****	2	*****	*****	16	1	1
Tisbury, Mass Toccoa, Ga	5	1,506 1,120	15, 96 4, 46	1,002 2,000	23, 95 2, 5	1	*****	*****	4	*****	*****	*****	****
Toledo, Ohio Tomah, Wis	1,483	81, 434 2, 199	18. 21 6. 82	122,760 3,000	12.08	126	*****	40	*****	7	18	23	
Tomahawk, Wis	11	1,816	6,05	2, 382	4.61	********	*****	2	*****		*****	1	1
Tonawanda, N. Y Topeka, Kans	496	7, 145 31, 607	15, 52 15, 99	9,000 35,000	12.33 14.17	15 57	*****	8	4	3	32	3 7	00.444
Topsfield, Mass Topsham, Me	20 34	1,022	19.57	1,640	19, 22	3	******		*****	*****		*****	
Topsham, Vt	15	1,394	24, 39 12, 63	1,500	19.44 10	7 3	****		*****	*****	*****		****
Toronto, Ohio Tower, Minn	15	2,536 1,110	5.91	3, 500 1, 250	4.28	2	*****	8	******	*****	*****	1	4
Tower City, Pa Townsend, Mass	39	2,053	10. 4	2,000	19.5		*****	2	1	*****	1	2	****
Traer, Mass	24	1,750 1,014	13.71 8.87	1,800	13, 33 6, 92	********	*****	1	*****	*****	*****	*****	****
Tremont, Pa Truckee, Cal	23	2,064	11.14	2,300	10	1		*****	*****	****		*****	
Tullahoma, Tenn	12 37	1, 350 2, 439	8. 88 15. 17	1, 300 3, 000	9, 23	7	*****	3	*****	3	*****	4	1
Turner, III	26	1,506		1,875	********	2	*****	*****	*****	*****	*****	2	*****
Tuesola III	32	2,016 1,897	12.88 16.98	2,000 4,000	13	5	*****	3			1	1	
Uhricsville, Ohio Unadilla, N. Y Underhill, Vt	60 57	3, 842 1, 157	15, 62 4, 92	5,000 1,200	12 4.75	7	*****	6	2	1	1	î	1
Underhill, Vt	11	1,301	8.45	1,400	7.85	3	*****	*****	*****	*****	** ***	*****	****
Union, Mich Union Springs, Ala	3 55	1, 156 2, 049	2,59 26,84	175 2,017	17.14 27.27								
Union Springs, N. Y	15	1,066	14,07	900	16,66	11	*****		*****	*****	******		****
Upland, Pa Upper Sandusky, Ohio	37 40	2, 275 3, 572	16, 26 11, 19	2, 275 3, 800	16, 26 10, 52	5	*****					1	
Upton. Mass	93	1,878	21,83	2,000	20.5	12							1
Urbana, Ohio Utica, N. Y	898	6,510 44,007	17.37 19.76	8,000 50,000	11.62 17.96	114	*****	10		1	5	2	3
Uxbridge, Mass Vallejo, Cal	62 96	3, 408 6, 343	18.19	3,500	17.71		-			*****			****
Vanceburg, Ky	9	1, 110	15, 11 8, 11	1,500	6	3	*****	2	*****	*****	*****	*****	1
Vandalia, Ill Vassar, Mich	15	2, 144 1, 682	6, 99	3,000 2,000	5	3				*****			
Vermilion, S. Dak	35	1, 496	23, 39	2, 100	16,66	3			*****	*****	1	*****	1
Vernon, Conn Vernon, Tex	124	8, 808 2, 857	2.8	9,000 2,000	13, 77	12		1	******		- 4	****	1
Versailles, Ohio	21	1, 385	15, 16	1,500	14	2	******	1	*****	*****		*****	****
Vevay, Ind Villisea, Iowa	32 27		19, 24 15, 48	2,000	16 10.8	3	******		1	*****		9	****
Vinal Haven, Me	48 88	2,617	18.34	2,800	17.14	10				1			****
Virginia City, Nebr Wahpeton, N. Dak	12	8,511 1,510	10.33	6, 000 1, 900	14.66 6.31	21	******	3	2	*****	*****	*****	****
Wakefield, Mass Walden, N. Y Wallawalla, Wash	153 32		21.91 15.01	8, 304 2, 200	18 43	11	*****	2	*****		2	*****	
Wallawalla, Wash	100	4,709	21.23	8,000	14.54 12.5	1 13	******		*****			1	1
Wallingford, Conn	107 35		16. 17 20. 59		12.12 20.05	11	*****		*****		2	1	*****
Waltham, Mass Walton, N. Y	323	18, 707	17. 26	20, 877	15, 47	32	******	- 6	*****	3	3	*****	*****
Wapakoneta, Ohio	57 58	2, 299 3, 616		9,000 4,500	6, 33	2 2	*****		*****		8	2	****
Wappinger Falls, N. V.	74 70	3,718	19.9	3,718	19.9	12	-	2	*****	1	4	2	*****
Wareham, Mass Warner, N. H Warren, Ind Warren, Mass	28	1,383	20, 28 20, 24	2, 367 1, 500	29.57 18.66	5			*****	1	2	1	*****
Warren, Ind	101	1, 120	9,82	1,800	6, 11	2	**** *	*****	*****		*****		11 140
Warren, Ohio	80	5, 973	21, 57 13, 38	8,000		7 5	*****	5	*****	12	3	-	****
Warrington, Fla Warwick, N. Y	26 95		19, 98 61, 8	1, 100 6, 000		6 13	*****	*****	*****	*****	*****	*****	1
Waseca, Minn	24	2, 482	8.57	2, 800	11.66	9		9	1	1	1	1	*****

The state of the s

Washington, D. C. Washington, Ind. Washington, Ind. Washington, Iowa. Washington, Kans. Washington, Me. Washington, N. C. Washington, N. C. Washington, N. J. Washington, Ohio. Washington, Ohio. Washington, Ohio. Washington, Ohio. Washington, Ohio. Wasterford, Me. Waterloo, Ill. Watertown, Conn. Watertown, Mass. Watertown, N. Y. Watertown, N. Y. Waterville, N. Y. Waterville, N. Y. Waverly, Jowa. Waverly, Jowa. Waverly, Jowa. Waverly, Jowa. Waverly, Ohio. Wayland, Mass. Wayne, Nebr. Webster Groves, Mo. Webster Groves, Mo. Weilsele, Mass. Wellington, Ohio. Wellsville, Mos. Wellsville, Mo. Wellsville, Mo. West Bethlehem, Pa. West Bethlehem, Pa. West Bridgewater, Mass		1890.	of the 1890.		of the	Deaths from—							
	Total deaths from all causes.	Jo snsu	Annual mortality per 1,000 o population, U. S. Census, I	Estimated population.	Annual mortality per 1,000 o estimated population.	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtheria,	Membranous croup.	Whenter
Washington, D. C	5, 582	230, 392	24. 22	275,000	20, 29	671	9	211	11	28	59	12	1
Washington, Ind	80 34	6,064	13, 14	9,000	8.88	6	*****	9			13	*****	
Washington, Iowa	178	3, 235	10, 51	4,000 22,000	8.5 8.09	9	*****	9	*****		6	4	**
Washington, Me	24	1,230	11, 38	1, 230	19, 51	4			******				Na:
Washington, N. C	118	3, 545	33, 28	6,000	19,66	10	*****	6	*****				
Vashington, N. J	59 8	2, 834 5, 742	20, 81	4,000	14.75 16	8	*****		*****	*****	*****	*****	
Vashington, Pa	99	7,063	14.01	8,500	11.63	-	*****	4	*****	1	3	*****	**
Waterford, Me	15	1.001	14.98	1,000	15	2	******				9	*****	**
Vaterloo, Ill		1.860	*********	2,000			*****	*****			1		
Vatertown, Conn	33 108	2, 323 7, 073 14, 725	14.21 15.26	2,800 7,778	11.78 13.88	.7	*****	2	*****	*****		1	**
Vatertown, N. Y	326	14,725	22, 13	22,000	14.81	11 36	*****	26	******	8	3	*****	-
Vaterville, N. Y	20	2.024	9.88	1,800	11.11	3	*****		100000	1			
Vaukon, Iowa	30	1,610	22, 43	1,800 2,000	15	5	*****	*****	******	****	*****		88
averly, In	55	1,337 2,346	23, 44	3,000	18, 33	5							
averly, v. Y	54	4, 123	13.09	5,000	10.8	7	*****	i	*****	******	2	*****	
averly, Ohio	59 30	1,567	37.65	1,600	36, 87	*******	*****	2				*****	
avne Nebr	14	2,060 1,178	14.56 15.22	2,000 3,000	15 4.66	2						*****	1 80
ebster, Mass	112	7,031	15. 92	7,000	16	15	******	2	*****	*****	3	*****	1
ebster Groves, Mo	26	7,031 1,783	14.58	2,000	13	4	*****	*****	*****	*****	*****	2	-
Vellegley Moss	10 48	1, 443 3, 600	6, 93 13, 33	1,500 4,229	6.66			1	*****	*****	*****		
Vellfleet, Mass	23	1, 291	17.83	960	11.34 23.96	i	*****	*****	*****	*****	1	*****	100
Vellington, Ohio	39	2,069	18, 85	3,000	13	4	1	3					1
Vellsboro, Pa	22 16	2,961	7.43	2,800	7,85	2	*****	1	*****		1	2	
Tellsville N V	34	1, 138 3, 435	14.06 9.86	1,600 5,050	6, 75	3	*****	2	*****	-	*****	ī	-
ellsville, Ohio	95	5, 247	18.1	6,000	15, 83	11	*****	2	*****	*****	*****	1	1
est Bethlehem, Pa	25	5, 247 2, 759 1, 917	9.06	3, 200	8.75		*****		*****		2	2	
est Bridgewater, Mass	26 48	1, 917 3, 019	13, 56 15, 89	1,747 3,000	14.88	3	*****	1	*****	1	*****	*****	
est Bridgewater, Mass est Boyleston, Mass estbrook, Me	157	6, 632	23, 67	7,000	16 22, 42	3	******	4	*****	9	*****	*****	
estchester, Pa	163	8,028	20, 3	9,500	17.15	4					1	1	
esterly, R. I	109 182	6, 813	15.99	7,636	14.27	10	*****	*****	*****	1	3		
estford. Mass	34	9, 8 05 2, 250	18, 54 15, 01	10, 624 2, 418	17.13 14.06	16		6	*****	4	12	1	1
estchoot, Resident Re	OF	1, 930	12.9	2,000	12.5	3	*****	******	******	******	1		1
estminster, Mass	26 37	1,688	15.4	1,300	20	1	*****		*****	*****	1	*****	
est Newton, Fa	23	2, 285 1, 664	16, 22 13, 82	3,000	12, 33 13, 45	1	*****	4	*****	1	1	1	
eston, Mo		1, 134	10,00	1,710 1,200	10, 90	3	*****	1	*****	*****	*****	*****	**
est Pittston, Pa	68	3, 906	17.66	6,000	11.33	3	*****		*****	2	2	*****	
est Putland Vt	58 60	2,599 3,680	22.31 16.3	2,678	21,65	1	*****	*****	*****		****	*****	
est St. Paul, Minn	13	1,596	7.14	1,700	15 7.64	10			*****		*****	3	1
estwood, Ohio	19	1.050	18.09	1, 200	15, 83	2					4		
ethersfield, Conn	205	2, 271 10, 866	21.57	2,300	21.3	4		1	******				
heeling W. Va	553	34 599	18, 86 16, 01	11, 300 38, 000	18, 14 14, 55	35 70	18	10	*****	3	27	5	1
hite Bear Lake, Minn	13	1,356	9.57	1.300	10	5	10	10	*****	20	21	0	
hitefield, Me	27	1,356 1,215	22.22	1, 325	20.37	4	*****	*****	*****		1	*****	ľ
hitman Mees	16 86	1, 903 4, 441	8. 41 19. 34	1,800 5,670	8, 88	10	*****	*****	*****	******			
hite Plains, N. Y	162	4, 441	19, 34	6,000	15.17 27	12	*****	1	*****	1	1	1	1
cest martiofu. Conn. 'est inster, Mass 'est Newton, Pa. 'eston, Mass 'eston, Mass 'eston, Pa. 'est Pittston, Pa. 'est Pittston, Pa. 'est Rutland, Vt. 'est St. Paul, Minn. 'ethersfield, Conn 'ethersfield, Conn 'hite Bar Lake, Minn. 'hite Bar Lake, Minn. 'hite Hains, N. Y. 'hite Nebr. 'ilber, Nebr.	52	2,808	18.51	3,500	14.85	7 4	******		1		î	*****	
ilber, Nebr	6	1. 226	4.81	1,800	3.33	5	*****				*****	*****	
ilkesbarre Pa	800	1,814 37,718	18, 19 21, 21	1,800	18.33	5		1	*****	3	1		
illoranam, Mass iilkesbarre, Pa iilliamsburg, Mass iilliamsport, Pa iilliamstown, Vt iilliamstown, Mass	20	2,057	12.15	50,000 2,000	16 12.5	6 7	******	21	*****	1	90	11	1
illiamsport, Pa	289	27, 132 1, 188	10.06	25,000	11.56 10.09	20	*****	7	1	5	9	4	1
	13		10, 94	1,288									

Cities or towns.		of the	Deaths from-										
	Total deaths from all causes.	Population, U. S. Census of 1890.	Annual mortality per 1,000 of the population, U. S. Census, 1890,	Estimated population.	Annual mortality per 1,600 of estimated population.	Phthisis pulmonalis.	Smallpox.	Enteric fever.	Measles.	Scarlet fever.	Diphtherfa.	Membranous eroup.	Whooping cough.
Wilmar, Minn	29	1,825	15.88	2,500	11.6	5					2	1	1
Willoughby, Ohio	37	1, 219	30, 35	3,500	10.57	*******	*****	*****	*****	*****	3		
Willows, Cal	22	1, 176	18.7	1,500	14.66	5	*****		*****	*****	****		
Wilmington, Del	1, 198	61, 431	9.5	70,000	17.11	127		27	5	2	12	12	9
Wilmington, Vt	21	1, 106	18,98	1,120	18, 75	2		1	*****		*****	*****	****
Wilton, Iowa	15	1, 212	12.37	1,260	11.9	1		1		*****	*****		
Winamae, Ind	7	1,215	5.76	2,000	3.5			1	*****		*****		
Winchendon, Mass	83	4, 390	18.67	4,500	18, 44	5		*****		*****		******	
Winchester, Conn	110	6, 183	17.78	7,200	15, 27	8	000000	3	*****			*****	4
Winchester, Ind	20	3, 014	6,63	3, 100	6.45	2	*****	-		*****			
Windsor, Mo	17	1, 427	11.91	2,000	8.5	4	*****	1		*****			
Windsor, Vt	53	1,846	28, 71	2,000	26.5	1				*****		******	
Winnebago, Minn	15	1, 108	13, 53	1,700	8.82		*****			*****			****
Winona, Minn	263	18, 208	14.44	22,000	11.95	25	*****			*****		*****	****
Winslow, Me	33	1.814	18, 19	1, 814	18.19	3		-		******		9	
Winston, N. C	273	8, 018	34.04	10,000	27.3	73	*****		9	*****		-	
Winthrop, Me	35	2, 111	16.58		16.66	1	******			******	*****		****
Woburn, Mass,	300	13, 499	99 99	14, 178	21.16	15	*****		*****	19	14	1	1
Wolcott, Vt	22	1, 158	18, 99	1,500	14.66	1	*****						
Wolfboro, N. H	36	3, 020	11.92	3,030	11.88	0	*****			*****			
Woodbury, Conn	33	3, 911	8, 43	1,900	17.36	-	*****			*****			****
Woodsfield, Ohio	9	1.031	8, 73	1,500	6	4	*****		*****		*****		
Woodstock, Ill	40	1, 683	23, 75	2,000	20	25		1		*****			
Woodstock, Vt	40	2,545	15, 71	2,545	15.71	4	*****	-	*****			*****	55500
Worcester, Mass	1, 827	84, 655	21.58	102,000	17.91	228	*****		******	*****	BO.	*****	
Wrentham, Mass	55	2,566		3,000				25	1	- 5	70	000000	28
Wyoming Ohio	25		21, 43		18.33	2	*****	2	*****		***	*****	***
Wyoming Ohio	35	1,454	17.19	2,000	12.5	1	*****	*****	*****	*****	-2	*****	55.55
Yarmouth, Me		2,098	17.32	2,200	15.9	3	*****	*****	*****	*****		*****	*****
Yates Centre, Kans	100	1, 305	76, 62	9, 500	10, 52	6	*****	4	*****		2	3	2
Yellow Springs, Ohio	22	1, 375	16	00 000	22 0	4		*****	*****	******	*****	*****	2
Yonkers, N. Y	785	32, 033	24.55	36,000	21.8	66	*****	6	2	3	73	8	14
York, Pa	345	20, 793	16, 59	25,000	13.8	36	******		1	1	11		1
Youngstown, Ohio	543	33,220	16.34	40,000	13.57	28	******	11	4	74	24	*****	. 5

By authority of the Secretary of the Treasury:

WALTER WYMAN, Supervising Surgeon-General U. S. Marine-Hospital Service.

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d.

Whooping cough.

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